

# ONTARIO GRAIN AND FERTILIZER DRILLS

ONTARIO  
DRILL CO

FACTORY AND MANUFACTURING  
EAST ROCHESTER N.Y.  
U.S.A.



# ONTARIO DRILL CO.

## SOME FEATURES OF THE "ONTARIO."

**It** is built of the best material by skilled workmen, and no drill is better finished.

**It** is built strong and durable and will stand the hardest usage.

**It** has wood bed piece.

**It** has anti-friction roller bearings.

**It** is positively much lighter draft than any other drill of recognized merit. No cumbersome mechanism.

**It** is properly balanced. No neck weight. It saves horse flesh.

**It** has the most accurate, even sowing, double force feed distributor of any drill on the market.

**It** plants beans, corn, peas, beets, etc., without putting on special distributors.

**It** has the famous EVERETT fertilizer force feed. Acknowledged to be the leader of them all and is the original device from which all so-called star feeds are copied.

**It** has grain and fertilizer hoppers of large capacity.

**It** has strong, simple cog gear speed devices, with wide range of quantities. No loose gears.

**It** has double force feed grass seed distributors, the same as grain distributors.

**It** has a large size continuous steel axle.

**It** has a broad wheel tread, and wheels that track right, either and both of which are drivers.

**It** has the best hub ever put on a grain drill.

# ONTARIO DRILL CO.

Special attention is called to the **simplicity** of the ONTARIO. This is first apparent when setting up—it does not take an expert—and later, when working in the field it is especially noticeable. Complicated mechanism is often the cause of breakage. The mechanism of the ONTARIO is plain, simple, and easily understood.

By reason of this simplicity and the true mechanical arrangement of the parts, great strength is obtained. This strength is further augmented by having many parts of steel and malleable iron. Where cast-iron is used, such parts are heavy and strong at straining points.

The best of material is used throughout, it is put together in a workmanlike manner, and the whole is nicely painted with good paint. As a result, it presents a neat and finished appearance.

## LIGHT DRAFT—PERFECT BALANCE.

Here again the simple construction is brought into prominence, for in a very great measure lightness of draft is due to simplicity of driving mechanism. But further than this, axle is heavy enough to support drill without bending; the wheels have a broad tread; the hubs have not only long bearings, but what is of more importance, support the weight of the drill over their centers; the axle boxes have roller bearings; there are few bearings and they are bored true.

The hitch is located at a point beneath the pole, on a line which passes through the hame staple and the average point of resistance of the hoes or discs in the ground, and the drill being well balanced, there is no neck weight.

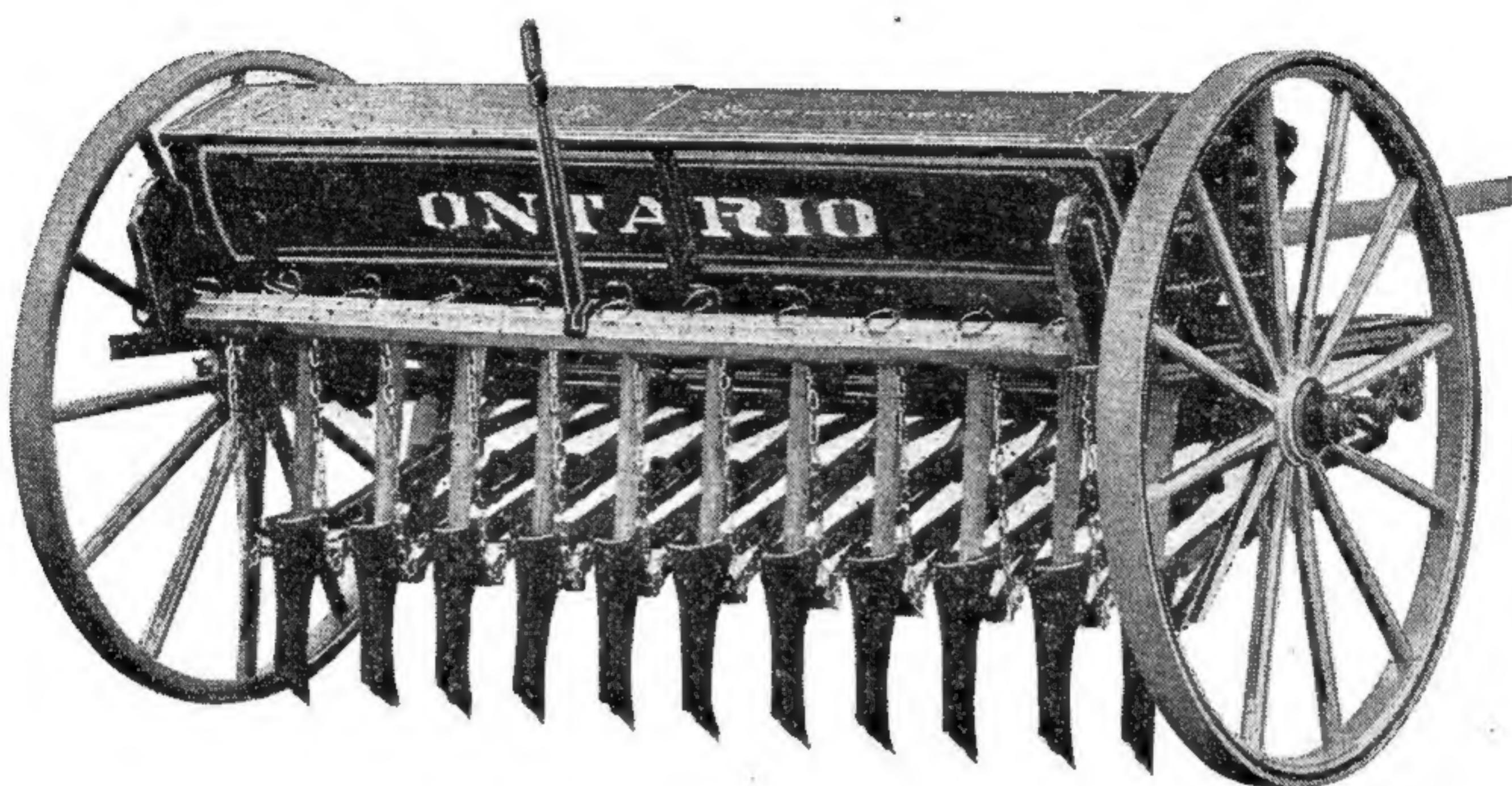
It is due to the perfect combination of all these features in the **ONTARIO** that in lightness of draft it excels any drill in the world of recognized merit.

**EAST ROCHESTER, N.Y.U.S.A.**

**COMBINED (GRAIN AND FERTILIZER)**

**BACK ROLLER HOE DRILL.**

**Built in All Sizes, both as a Combined or Plain Drill.**



**The most popular and best adapted style of hoe drill for most sections in the Eastern portion of the United States.**

On the back roller style of hoe drills the hoes are raised and lowered by means of a wooden roller with short center lever and chains—a method that has never yet been excelled. In lifting the hoes the purchase is applied right; no dead center. The chains allow the hoes to be raised separately, and with perfect ease, by the operator—a feature which is thoroughly appreciated by the practical farmer.

One of the oldest types of drills; but not "old fashioned,"—this style has survived because of its many advantages,—Simplicity,—Convenience,—Lightness, and Strength. For most farming sections where Hoe Pressure is not required, it cannot be excelled.

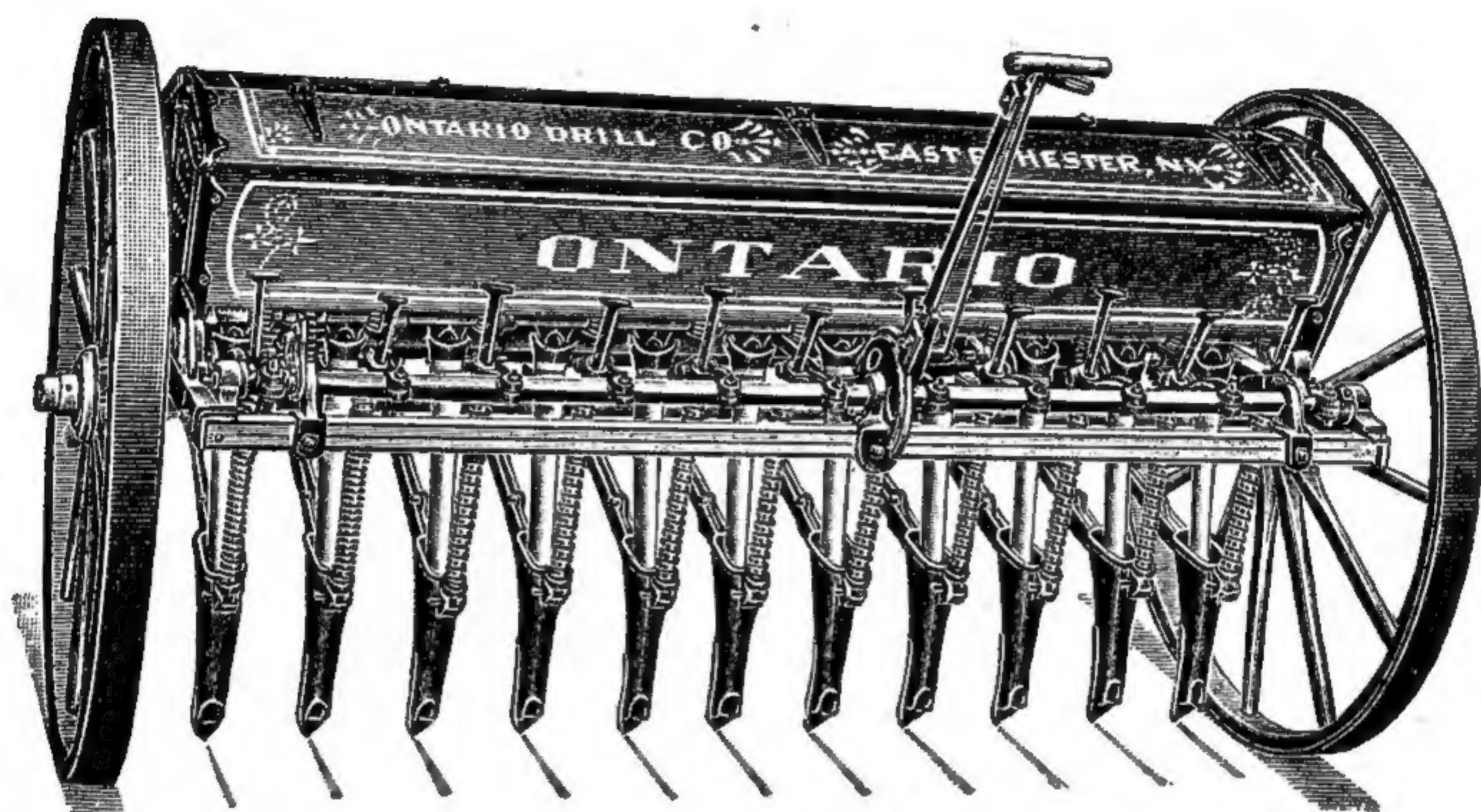
Unlike the all-steel frame in general use, on all Ontario Drills the bed piece of the frame is wood; lighter and stronger than steel; it absorbs instead of transmits vibration. Rack and strain are thus avoided and the life of the machine prolonged.

# ONTARIO DRILL CO.

COMBINED (GRAIN AND FERTILIZER)

HOE PRESSURE DRILL.

Built in All Sizes.



In many sections the character of the soil or the methods of farming make the HOE PRESSURE STYLE desirable.

The ONTARIO HOE PRESSURE DRILL has the pressure mechanism in the rear, instead of in front of the body, which gives many advantages of handiness and efficiency that the operator will appreciate.

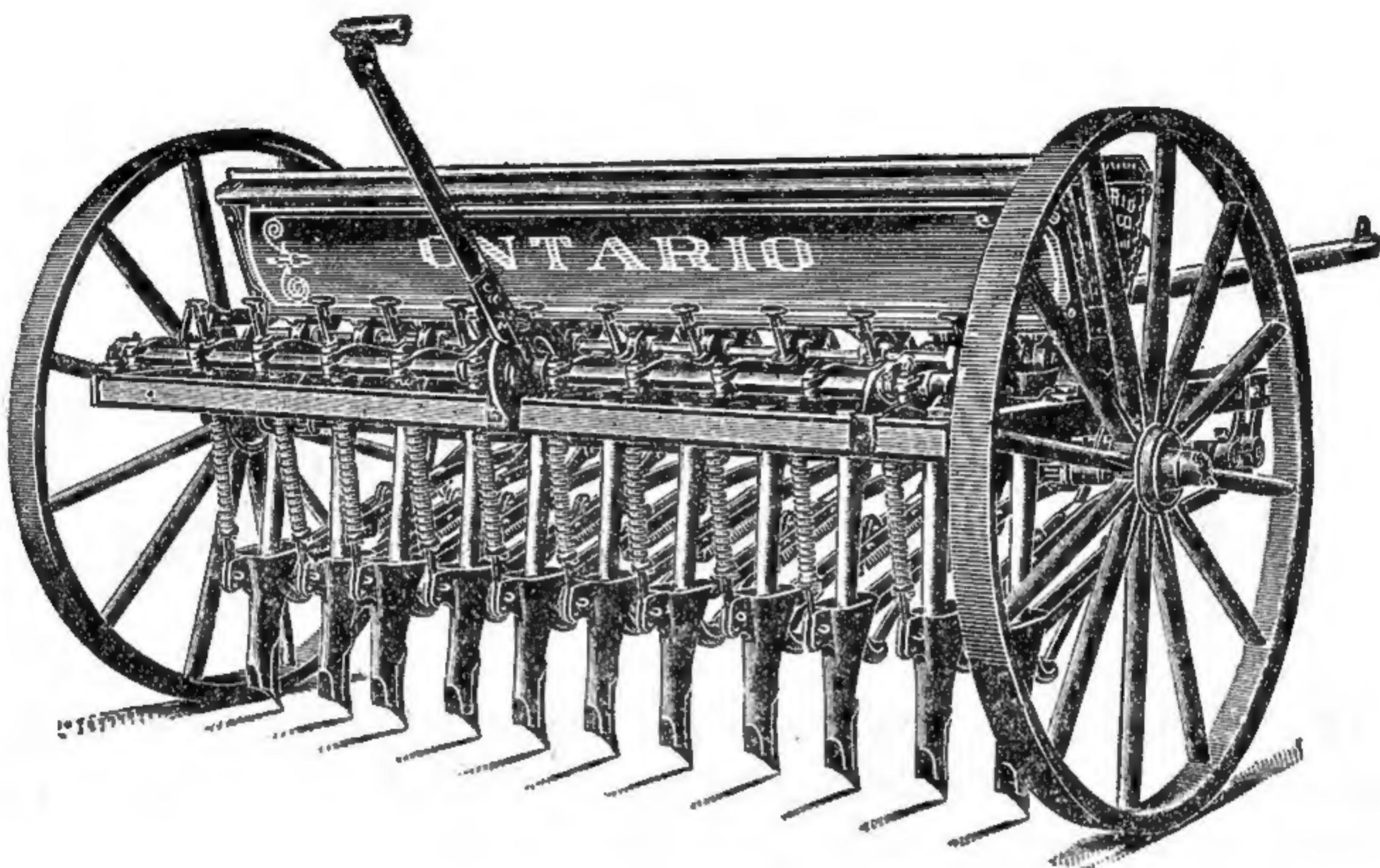
The pressure is applied directly over the hoes (see cuts on page 16), permitting the use of long, flexible springs. This results in more freedom of action of the individual hoes than can be obtained when pressure is applied in front of and at some distance from the hoe, where a shorter spring is necessarily used.

The press-rods are equipped with handles. As the pressure required is usually slight each individual hoe can be raised to free trash.

**EAST ROCHESTER, N.Y. U.S.A.**

**PLAIN HOE PRESSURE DRILL.**

**Built in All Sizes.**



**HOE SHIFTER.**

**Applying to both Back Roller and Hoe Pressure Styles.**

The hoe shifter bars are geared at both ends.

They are supported by three separate bearings.

They are easily revolved by using a convenient lever.

The hoes may be thrown into any one of three positions.

They have an extreme zig-zag of eight inches.

The Draw-Bar Clips are of malleable iron.

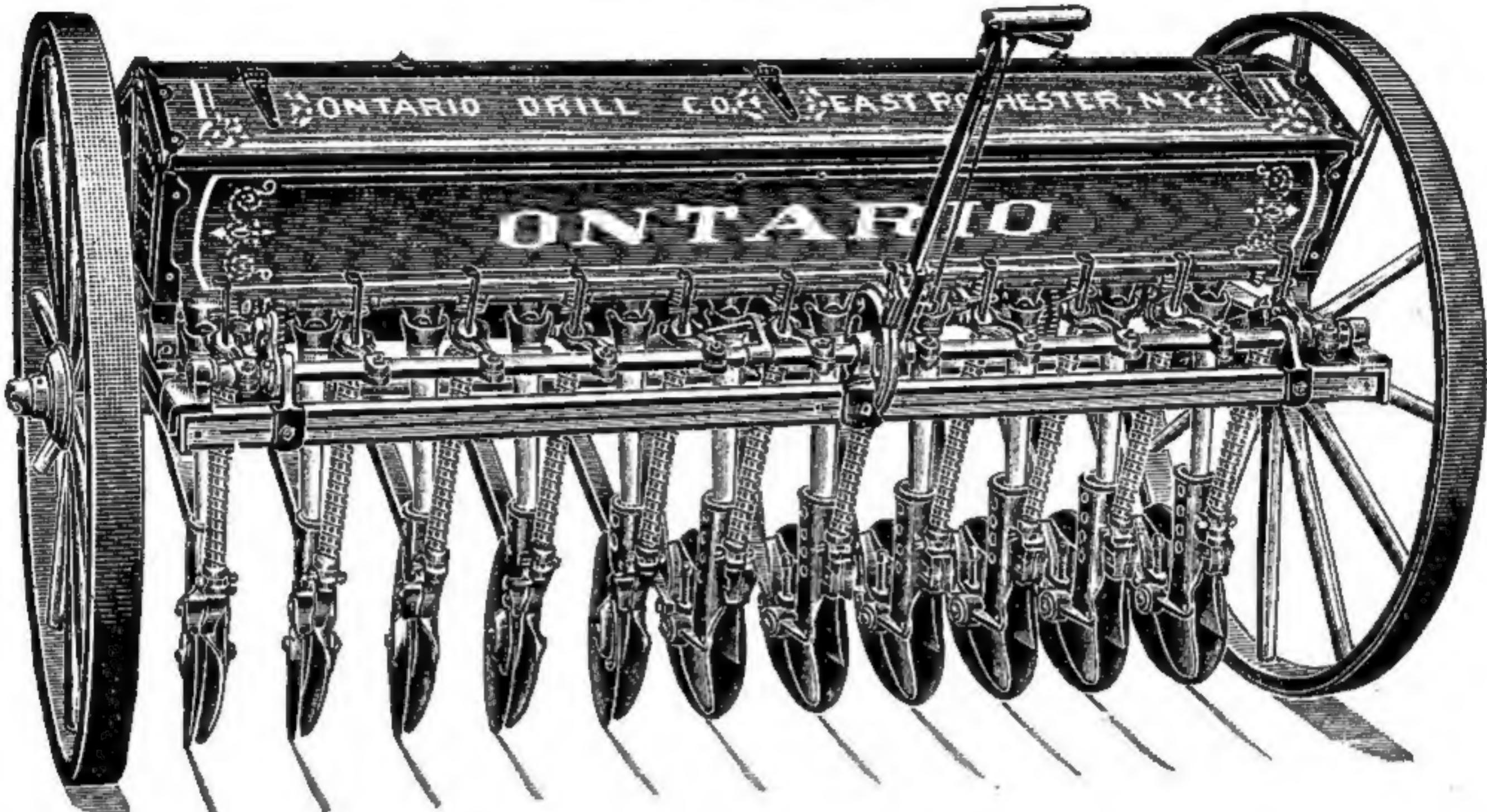
They are bolted not riveted to place.

Any one of them may be replaced without disturbing the others.

They can be moved laterally, giving different spacing to the hoes.

# ONTARIO DRILL CO.

## COMBINED (GRAIN AND FERTILIZER) SINGLE DISC DRILL. Built in All Sizes.



The Ontario Disc Drill embodies all the special features of our Standard Hoe Drill, excepting discs are used instead of hoes. It has the same broad tread wheels, the same accurate grain and fertilizer feeds, the same heavy axle, the same simple speed devices, the same accurate grass seeder and land measure, and the same light draft.

The pressure is applied directly over the discs by means of a pressure bar and lever, located at the rear of the drill. From this rear position the maximum amount of pressure is obtained with the least amount of mechanism. See illustration on page 16.

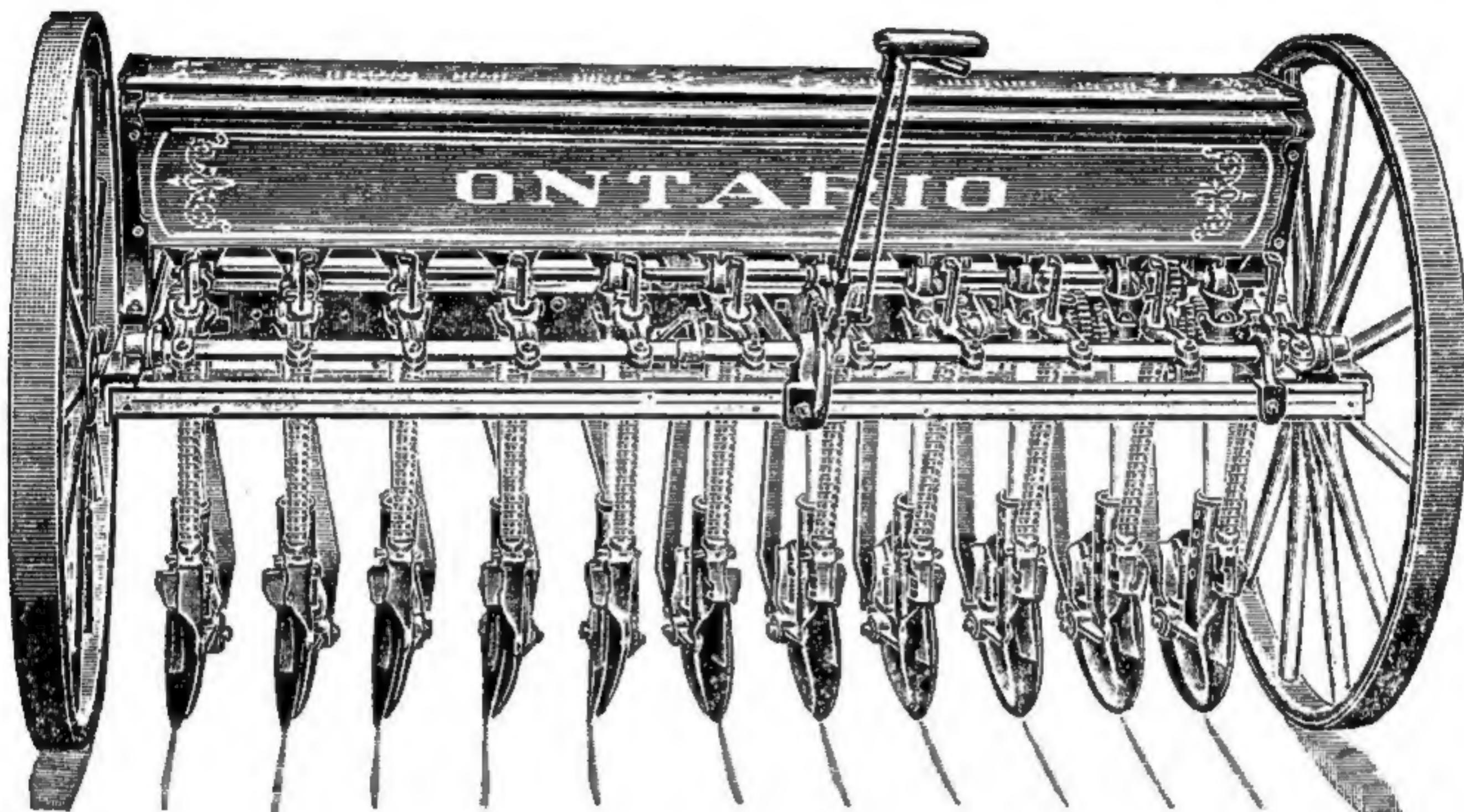
The new **ONTARIO Lifting Lever** is a genuine and much appreciated improvement. It has a square plunger of ample size, which fits into deep sockets on quadrant. Wear is practically eliminated, and accidental dropping of Discs is absolutely prevented. The Lever also has the added advantage of **FOLDING** when desired. This allows the Lever to be folded back out of the way when Discs are raised, a feature that is very convenient when drill is to be stored away.

The discs on the single disc type are set at the correct angle for opening the seed bed, and the shield holds this furrow open until the seed has time to be deposited at its bottom. The drag chain then follows and covers the seed at uniform depth. No extra space between center discs. (General description continued on next page.)

# EAST ROCHESTER, N.Y. U.S.A.

## PLAIN SINGLE DISC DRILL.

Built in All Sizes.



All Discs, both Single and Double, are lubricated by means of the ALEMITE-ZERK System. Fittings are readily accessible and easy to reach with the compressor. DISC BEARINGS are of hard, chilled iron, and very long wearing. They are dust-proof at either end.

The hub is fastened to the disc, and fits into a bushing placed in the boot. The bushing and disc may be removed by simply taking out one bolt.

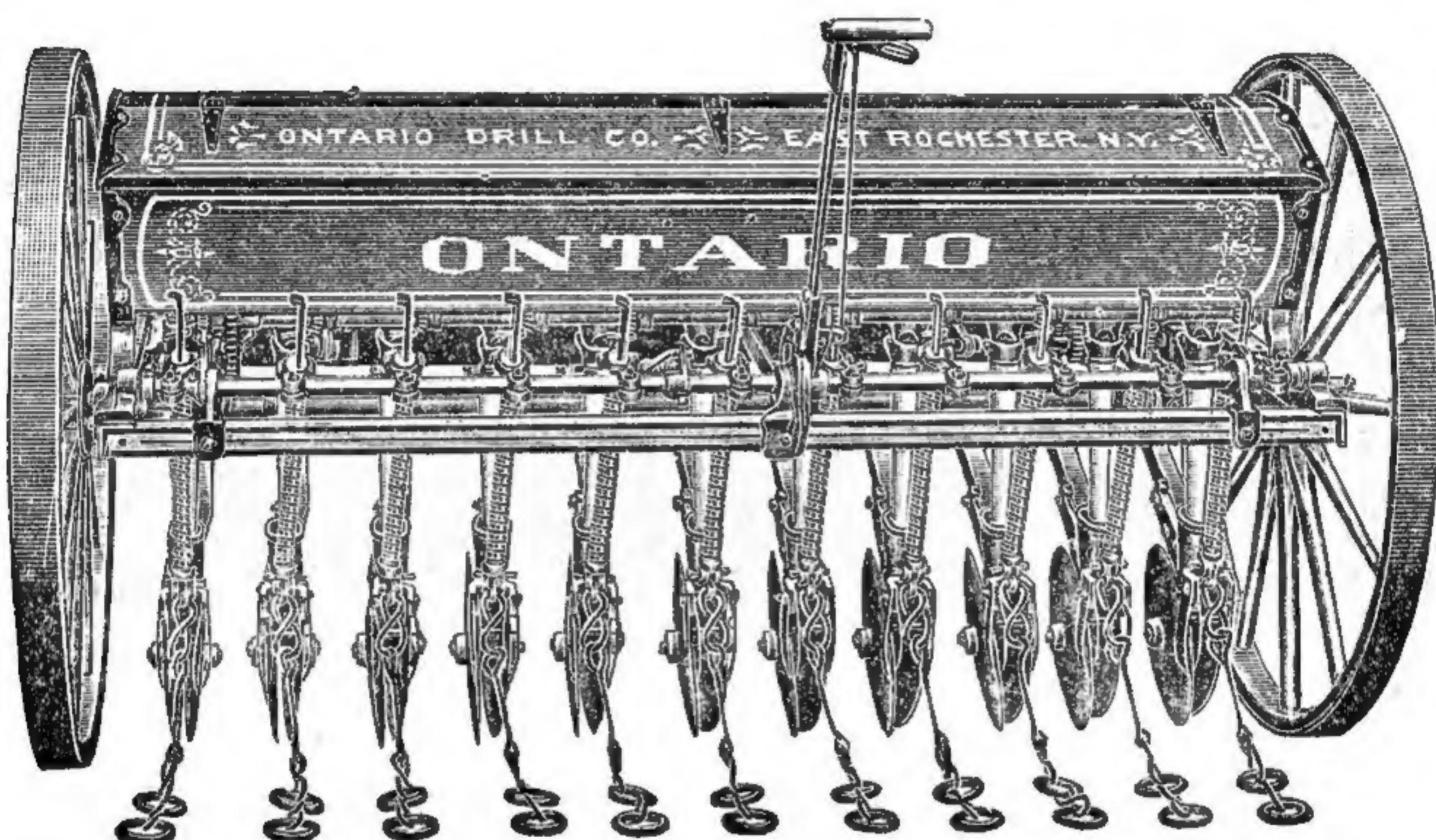
The disc is provided with dirt scrapers on each side, which are made of spring steel. They conform to the curve of the disc, and keep its surface constantly clean.

The **draw-bar** is a single piece of angle iron. It is securely bolted to the head bar at the front of the frame, and to the disc at the lower end. See illustration on page 16. It has the required strength for standing the side strain, and as it is a single piece of steel, no matter how trashy the field may be, none of the trash is picked up.

# ONTARIO DRILL CO.

COMBINED (GRAIN AND FERTILIZER)

DOUBLE DISC DRILL.



Built in All Sizes, both as a Combined or Plain Drill.

Same general construction as the Single Disc Drill described on pages 6 and 7.

Especially adapted for side hill work, and where soil is loose, sandy, wet or trashy. Not recommended for hard soil.

The Hoppers of all drills are made of carefully selected well-seasoned, kiln-dried lumber, put together in a workmanlike manner. The grain hopper of the smallest drill (8x8 or 9x7) holding two bushels, and the fertilizer hopper being of considerably larger capacity.

# EAST ROCHESTER, N.Y. U.S.A.

## ONTARIO DOUBLE RUN FORCE FEED GRASS SEEDER (Detachable).



The grass seeder has double run force feed distributors, the same as the grain feed. It is placed on front of the drill body where it is out of the way of the fertilizer. Metal spouts are supplied with every seeder which enables the seed to be sown either in front or behind hoes or discs. (See cut above.)

It is accurate and durable, with wide range of quantities, and is easily adjusted to sow the quantity desired. Kernels of other grains do not stop its flow.

The grass seeder, like grain and fertilizer feeds, is driven by positive spur gears.

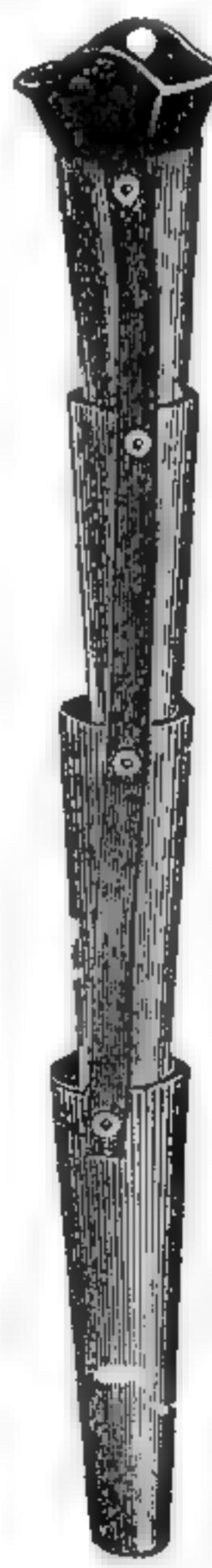
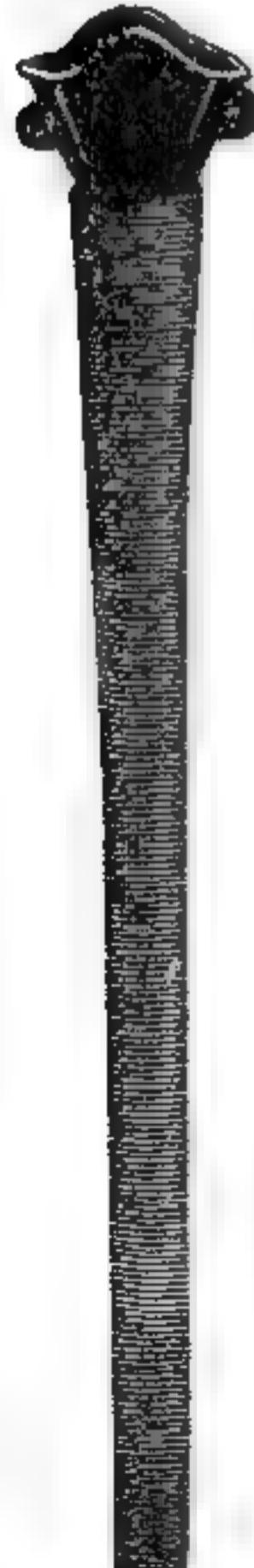
### CONDUCTORS

Unless otherwise specified all drills are equipped with Rubber Conductors.

Years of experience and continual experiment have convinced us that a good rubber tube is the best conductor obtainable, all things considered. We supply the best Rubber Conductor that can be had; it is of ample size to prevent clogging, durable, will keep its shape, and is easily replaced.

The Spiral Ribbon Steel tube, used by some drill manufacturers, costs less to make; but this type of conductor is so easily pulled out of shape, and will rust so quickly, that it is not satisfactory.

Metal Telescoping Conductors have many favorable points, and will be supplied instead of Rubber when so specified with order.



# ONTARIO DRILL CO.

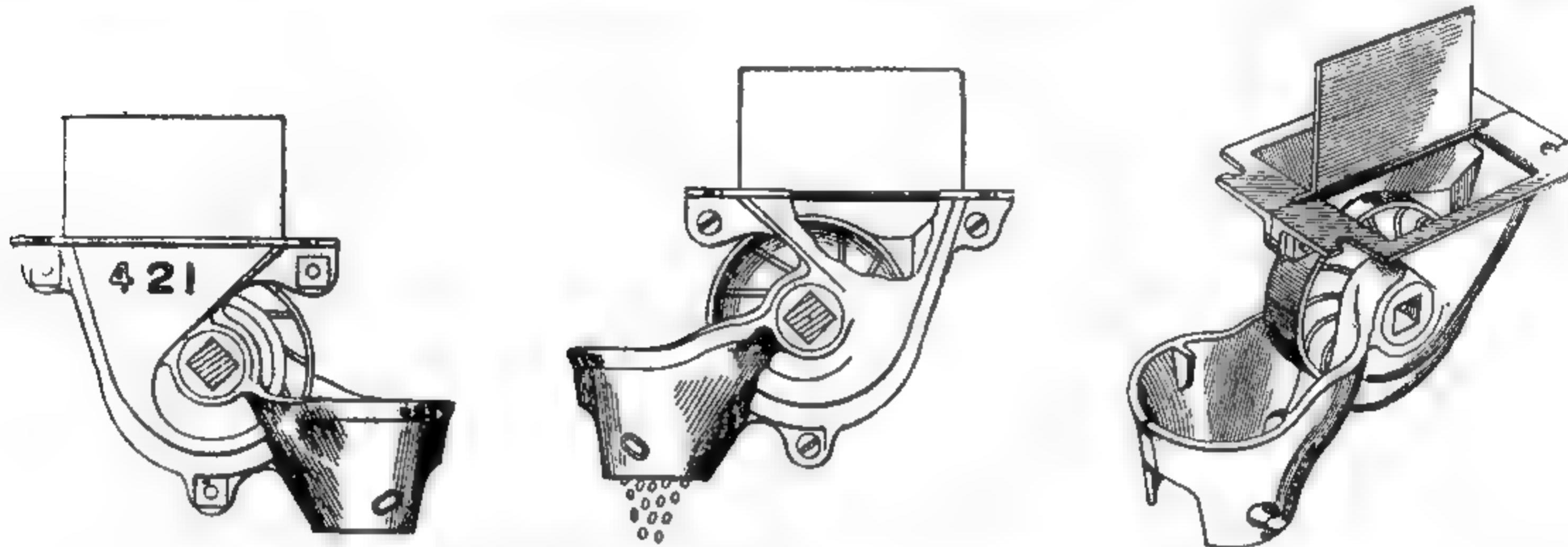
## ONTARIO IMPROVED DOUBLE FORCE FEED DISTRIBUTOR

Accurate

No Skipping

No Choking

No Bunching



### A POSITIVE FORCE FEED.

Fifty years of experience has demonstrated that the Double Force Feed Distributor stands without an equal.

One channel for Wheat and small grains.

The other for Oats and large grains.

**BUT** a double distributor must be built right.

The force must be obtained from the wheel.

The wheel and case must be free from abrupt angles.

The seed must have free access to the wheel.

Then, and not till then, is evenness of flow obtained.

The **ONTARIO** has just this kind of a distributor.

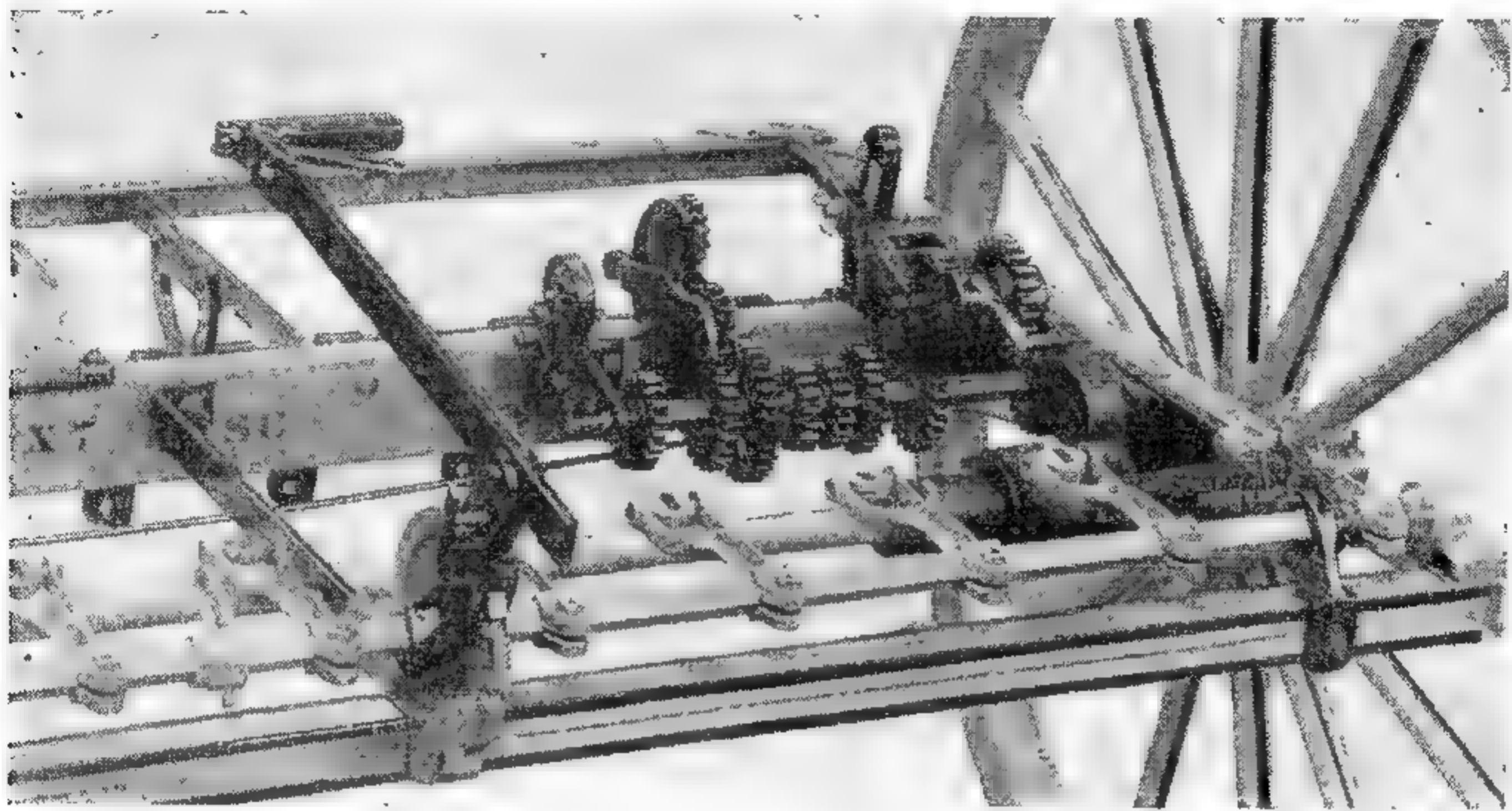
Our standard drills sow 26 positive quantities.

Quantities ranging from 2 pecks to 6 bushels.

All kinds of seeds from Flax to large Peas and Beans.

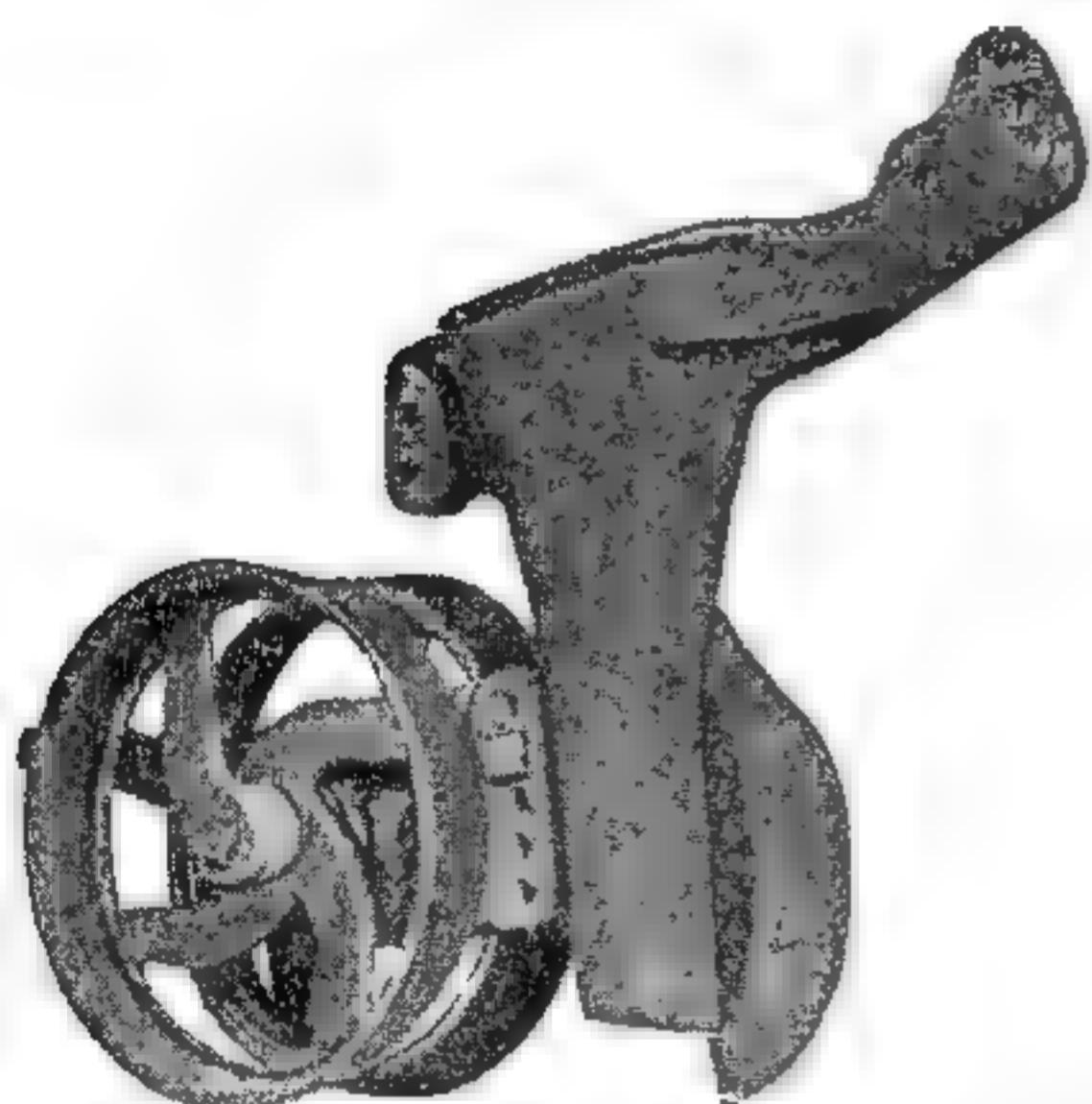
No special distributor required to sow sufficient quantities of Corn, Beans, Peas, Beets, etc. Just increase the speed, that's all.

# EAST ROCHESTER, N.Y. U.S.A.



Countershaft with quantity gears and detail of frame, showing grain speed device—grass seeder gear stand—land measure—folding lever.

## BEET HOE



The Ontario Beet Hoe with chilled extension point and adjustable follow wheels, may be used on either Hoe or Disc Drills. Depth of planting can be very exactly controlled, which is particularly valuable in planting beets, beans, spinach and similar crops. ONTARIO DRILLS with this attachment have had great success in planting sugar beets. The BEET HOE is also becoming very popular in the bean raising districts because of the fact that seed is deposited under an unpacked ridge rather than in a depression. Remember! No extra or special distributor is necessary to plant beets, beans or peas with the Ontario Drill,—our regular distributor handles them perfectly.

**Oat Rod:** For sowing bearded or rust-proof oats, or other seeds that are liable to bridge, a special agitator attachment is furnished at a small additional cost when specially ordered.

**Foot Board or Riding Board.** Any size or type of Ontario Drill may be equipped with a foot board when so ordered, at a small extra cost.

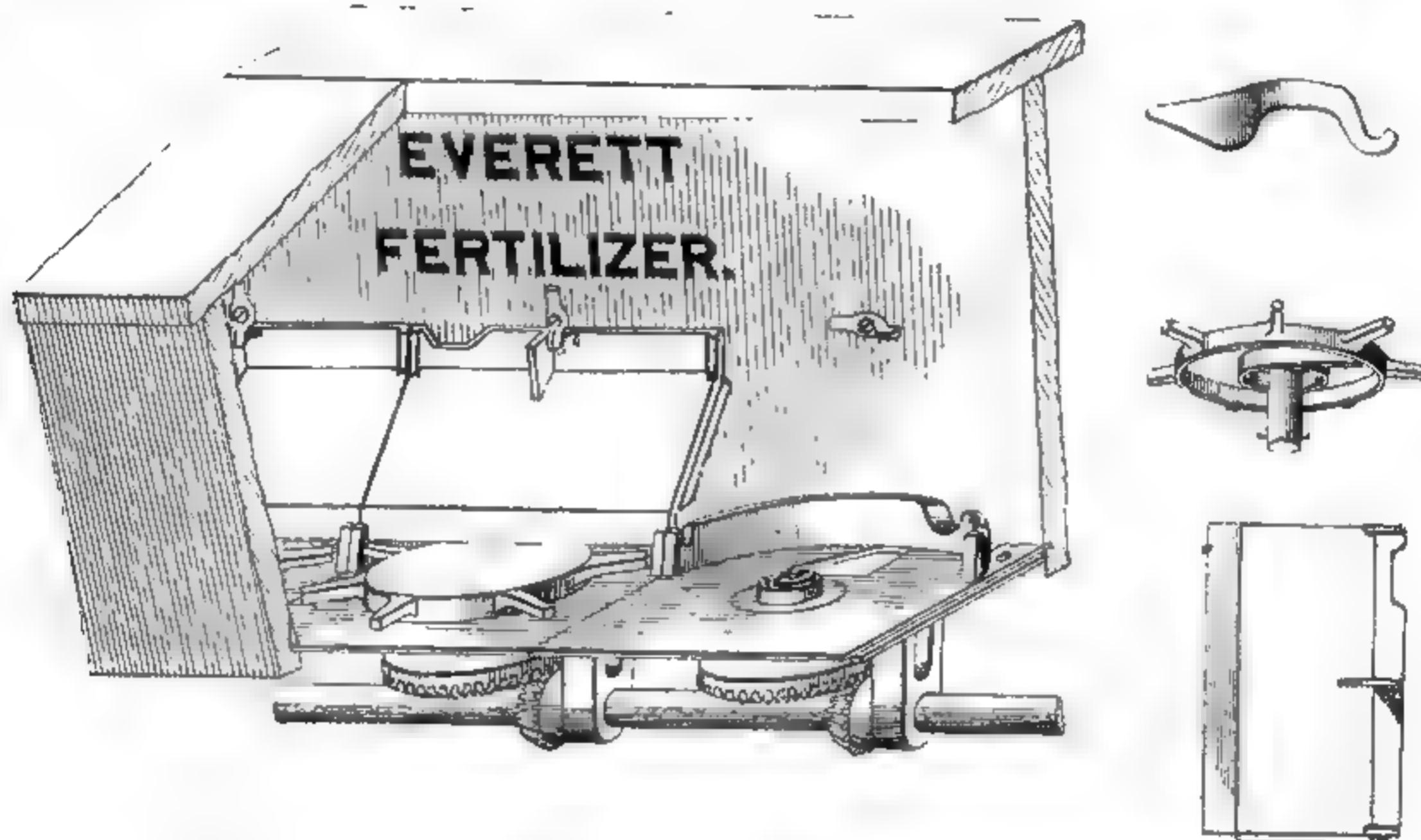
**Tractor Hitch:** Any Ontario Drill may be used as a Tractor Drill by substituting our Tractor Hitch in place of the usual Horse Hitch. When drilling with a Tractor, we regard it as very desirable to have an operator behind the drill, to observe the working of the different mechanisms and to make sure that there are no skips. Therefore a foot board is usually recommended with a drill to be used with Tractor. Practical farmers consider this essential.

# ONTARIO DRILL CO.

THE FERTILIZER FEED THAT EASILY LEADS  
ALL OTHERS

Invariable Feed Channel

Variable Speeds



## THE ONTARIO (Everett) FERTILIZER FEED

The Everett Fertilizer Force Feed has become so thoroughly well known and so widely recognized as the best device for sowing fertilizer yet invented, that any lengthy description of its construction or any detailed claims as to its work are no longer necessary. It is the only genuine force feed on the market.

The revolving prongs cut a stream off the under side of the body of fertilizer, and carry all that may be massed between them through the **invariable feed channel** made by the cut-off plate, producing a stream of fertilizer which never changes in size. The quantity sown is regulated wholly by the speed with which the feeders revolve; their speed being governed by the device described on page 14. Beyond the cut-off plate the fertilizer is carried to a large **discharge opening**.

The vital, basic principles of this feed are the invariable feed channel made by the cut-off plate, and the securing of the different quantities desired by changing the speed of the current of the stream, as it were, instead of changing the size of the stream or channel.

Fertilizers vary greatly in make-up and consistency. But by changing the speed of the flow or current, accuracy and positiveness are maintained in spite of this fact. A result that can be obtained in no other manner.

Modifications of this feed, so numerous in recent years, which substitute a variable feed channel (a gate feed) for this invariable one, in an effort to lessen the cost of speed gearing, therefore sacrifice these vital principles and destroy the efficiency of this famous feed. In the prime essentials of accuracy and positiveness they will be found sadly wanting.

# EAST ROCHESTER, NY USA

## THE ONTARIO FERTILIZER FEED IS BETTER,—Because:—

It is the strongest constructed feeding device built.

It is the only feed that will sow commercial fertilizer when lumpy, hairy or pasty.

It will sow any variety of fertilizer with greater positiveness and accuracy than any other feed.

It will sow equally well up hill, down hill or on side hill, as on the level, with the ground rough or smooth.

Its parts are few and simple and can be easily removed and replaced when it is desired to clean the metal bottoms.

## QUANTITIES

Our standard drills sow from 100 to 450 lbs., or from 150 to 650 lbs. of standard fertilizer per acre, as ordered. By means of reversible back plates these quantities may be increased about one third.

**Ashes Attachment:** At a small additional cost we can supply a special set of feeders and back plates which will sow from 300 to 1200 lbs. of Fertilizer per acre. This attachment is especially desirable when fitting land for potatoes, cabbage, onions, etc., where the amount of work to be done does not warrant the purchase of a special Fertilizer Distributor, such as our Style "B" Broadcaster and Rower. (See Pg. 20-21).

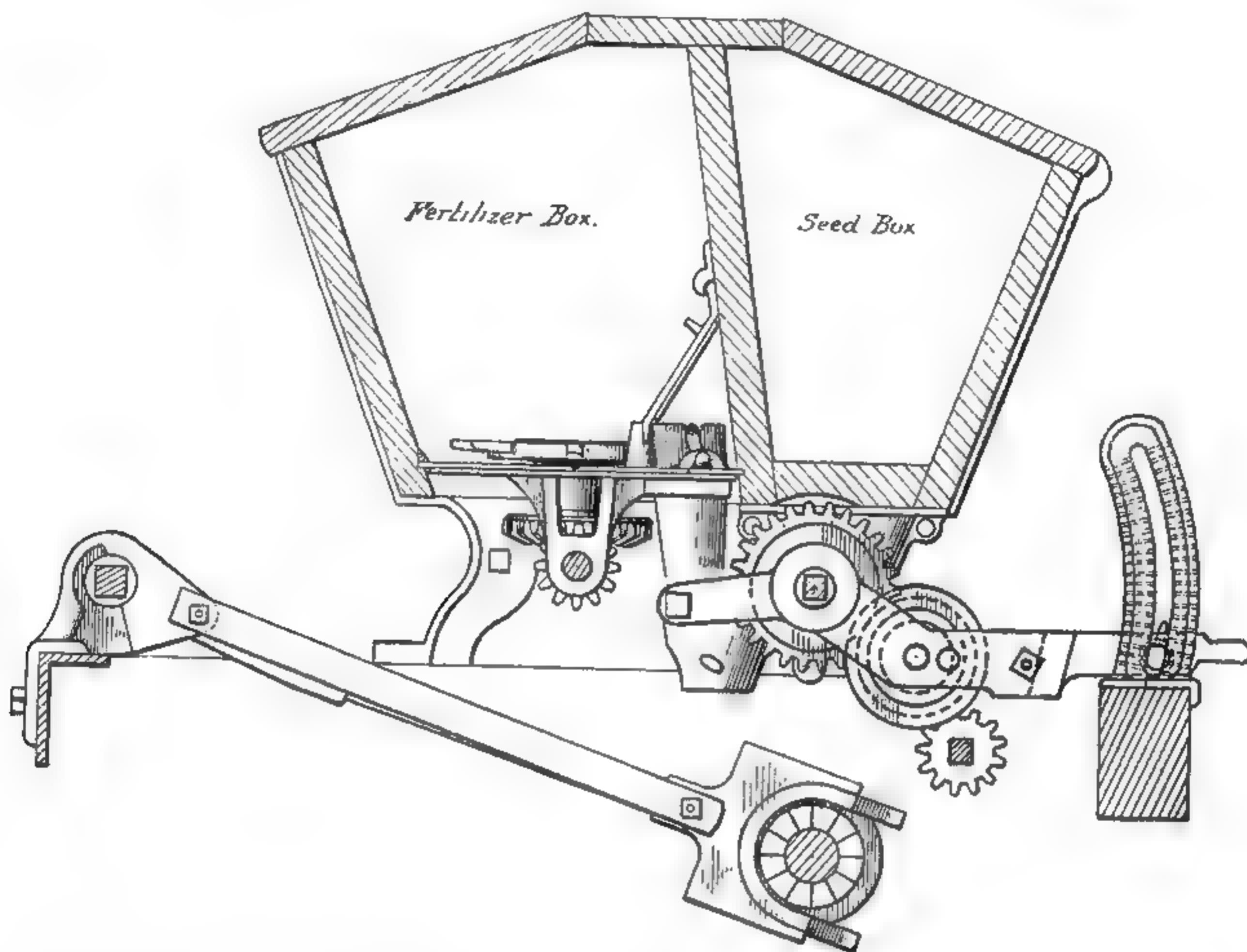
**Small Quantities:** Modern fertilizer practice shows a tendency toward the so-called "high content" fertilizers, the proper application of which demands a mechanism that will distribute evenly and accurately in small quantities. The Everett Fertilizer device is particularly accurate on small quantities, and we can supply feeders to sow as low as 25 lbs. per acre when so ordered.

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Enamelled fertilizer bottom plates will be furnished, if desired, at an additional cost.

# ONTARIO DRILL CO.

## GRAIN AND FERTILIZER SPEED DEVICES



Quantities are regulated by Speed Devices.

One for grain, one for fertilizer, but both alike.

If you break a gear on one device, take a gear from the other and finish your seeding.

Spur gearing only is used.

Nothing is left to chance. Everything is positive.

The easiest and most effective method of regulating quantities yet devised.

It is all in plain sight and needs no explaining; it is self-adjusting, not a screw is used. It is simple, mechanical, and effective.

No wheels to be added or removed; no loose gears to be carried around or lost. Changes in quantity are made by simply pushing the desired quantity gear to place where it is held by yoke with ratchet and wing nut.

By the use of spur gear only, end thrust is avoided. What this means in the usual bevel gear type of speed device may perhaps be indicated by a quotation from a prominent manufacturer of seeding machines, as follows: "What is the main trouble with speed devices?" "It is the eternal, never finished adjustment of the sliding pinion to keep it running in the right row of cogs."

# **EAST ROCHESTER, N.Y. U.S.A.**

## **THROWING OUT OF GEAR**

The mechanism is driven by clutches located on the main axle.

They are operated by sliding wedges and work instantly.

The mechanism starts the instant the hoes are dropped.

It stops the instant they are raised.

The gearing is left wholly undisturbed.

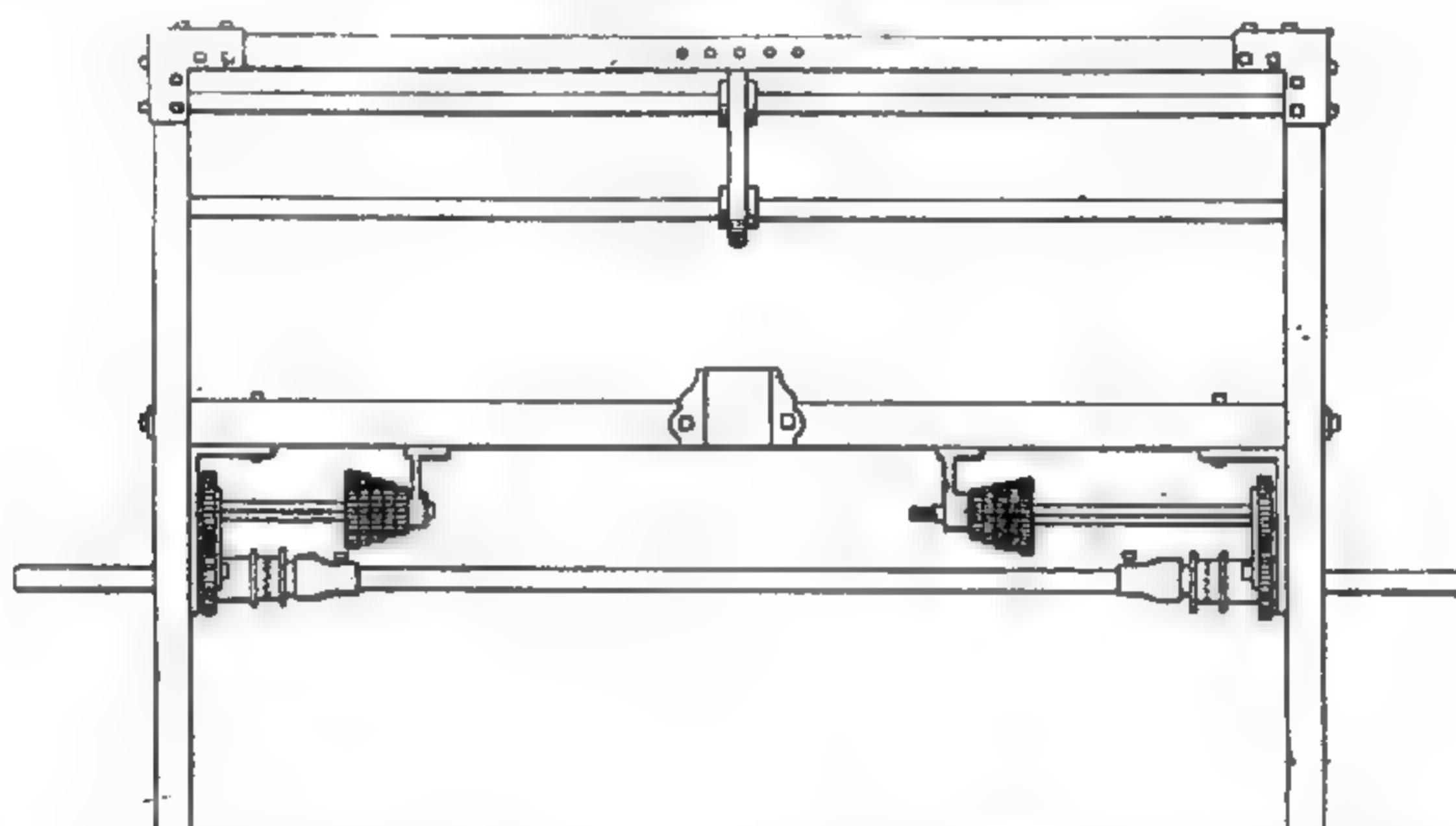
No lost motion or skipping when drill is started.

No disengaging of the cog gearing.

No breaking from cogs striking on end.

The grain, the fertilizer and grass seed feeds and land measure are thrown in and out of gear instantly and simultaneously.

## **ANGLE STEEL FRAME**



**Just two set-screws on this axle. Compare this number with other makes.**

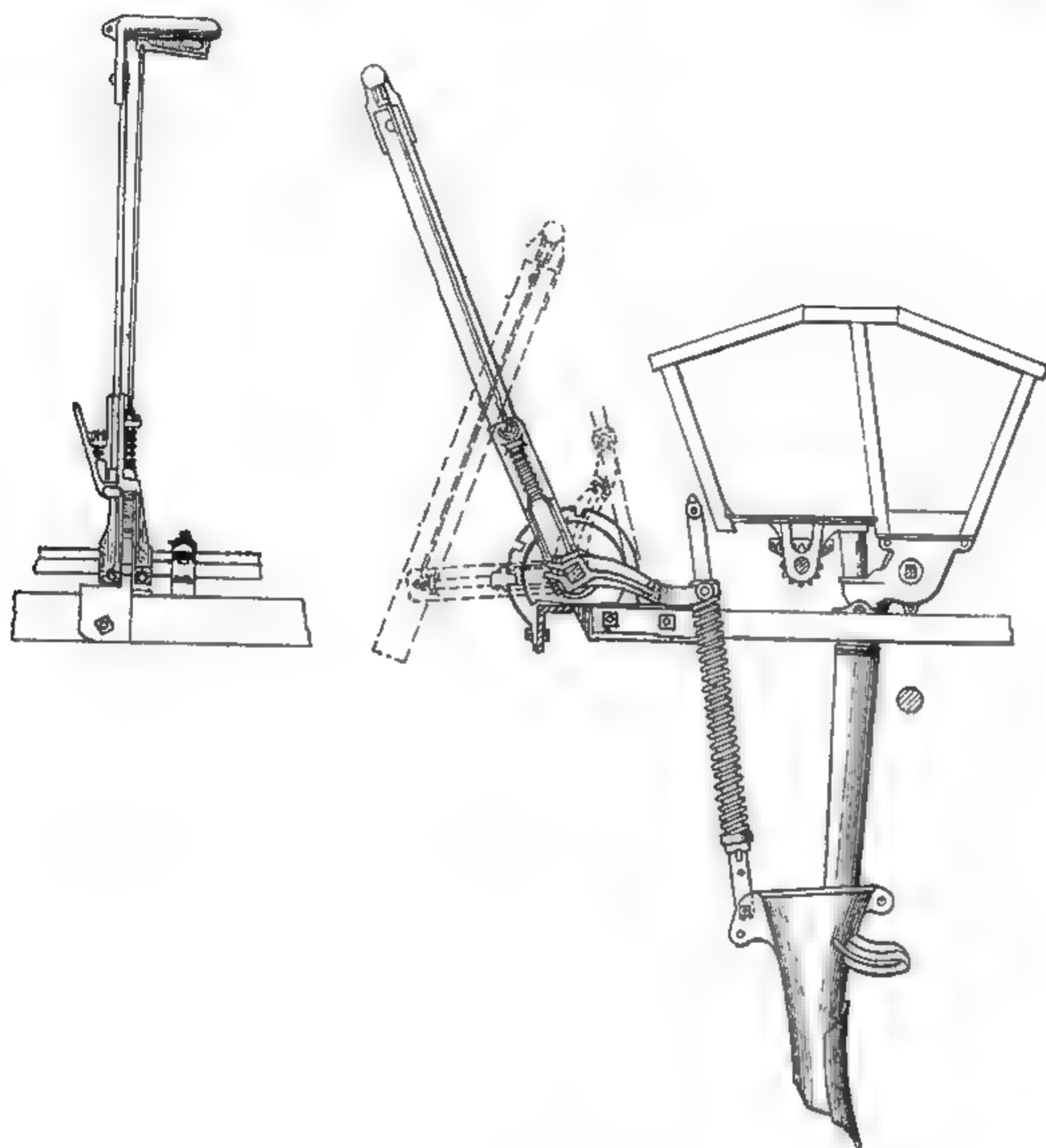
The FRAME is made of three pieces, and is of angle steel, the strongest form for a given weight, straight and true to size. The corners are of tough steel, not of cast iron. Duplicate parts of the frame can be supplied, which is not the case with a frame of single piece.

The bed piece is of hard wood, which gives just the right amount of elasticity, allowing of some give and take when rock, stump or other obstruction is encountered.

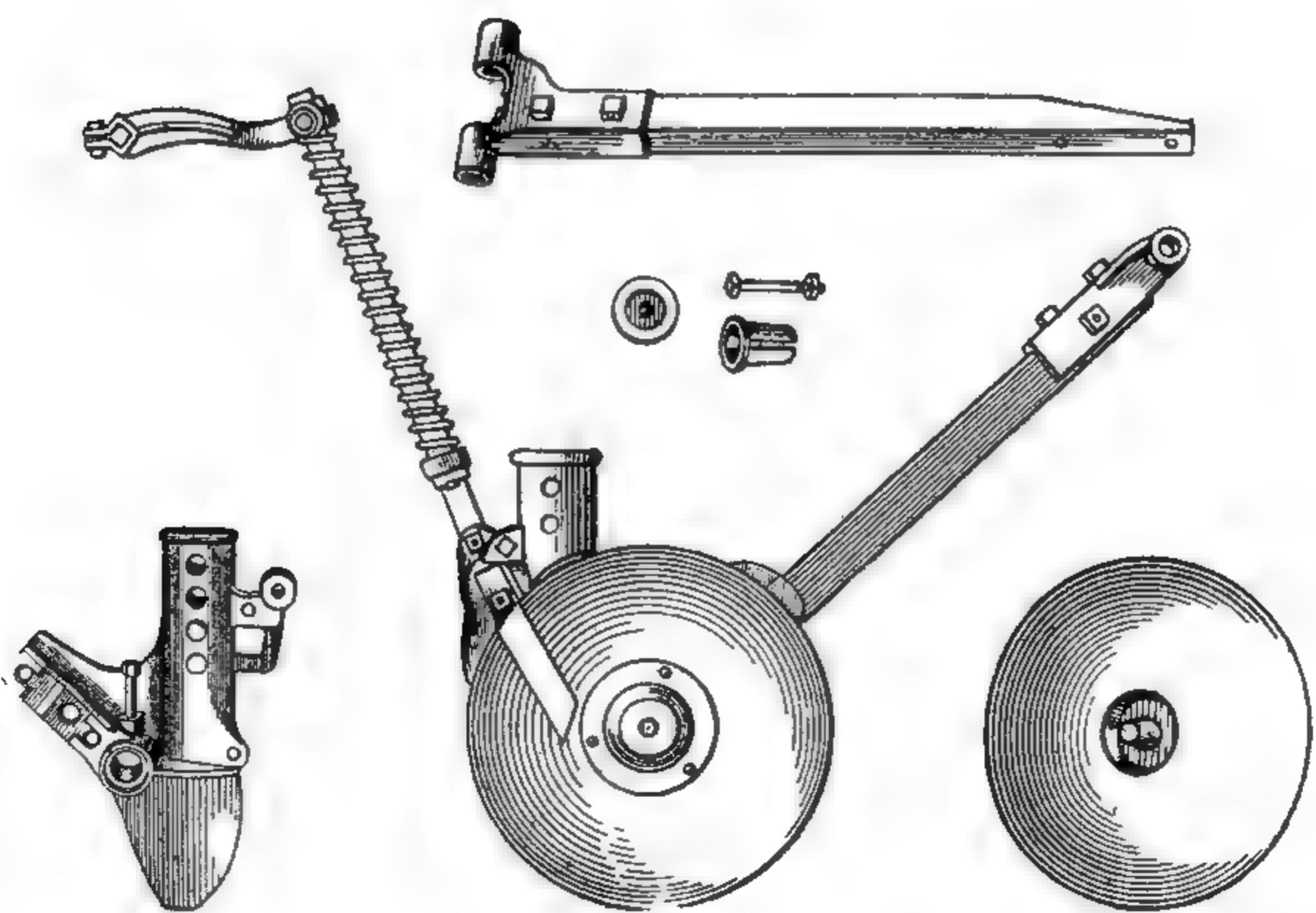
The AXLE is of  $1\frac{3}{8}$  cold drawn steel (21 per cent. stronger than  $1\frac{1}{4}$ -inch), perfectly straight and true to size, with bearings all carefully fitted.

# ONTARIO DRILL CO.

## HOE PRESSURE AND DISC DRILLS.



Illustrations  
showing the  
Rear Pressure  
Mechanism and  
Lifting Lever  
Identical for both  
Hoe and Disc  
Drills.



# EAST ROCHESTER, N.Y. U.S.A.

## REAR PRESSURE.

The point where press rod joins the hoe, is on a line with the draw-bar fastenings. This permits the hoe to work in the same manner as when pressure is applied forward of the hoe.

The press rod enters the grooves at rear of hoe and holds it in an upright position. "Staggering" is thus obviated.

The handle on each press rod allows individual hoes to be raised at pleasure.

The hoes or discs are raised and lowered by a roller bar at the rear of the drill.

The lever which operates this roller is located at the center of the drill.

The twisting of this roller is thus practically obviated.

The same lever applies the pressure and regulates the depth.

The new Folding Lever is not only a real convenience; but because of its design will wear indefinitely without trouble, and cannot get out of adjustment.

The lifting and pressure mechanism located at the rear, places it immediately under the eye of the operator, and where adjustment of pressure springs can be easily made.

It is just where your hand may be placed upon it instantly.

It takes the weight off the horses' necks and gives the drill a perfect balance.

It applies the pressure directly over the discs or hoes.

A helper spring in connection with roller bar on all disc drills makes lifting the discs from the ground comparatively easy.

Covering or drag chains always supplied with all discs drills.

# ONTARIO DRILL CO.

## THE BEST HUB EVER PUT ON A GRAIN DRILL

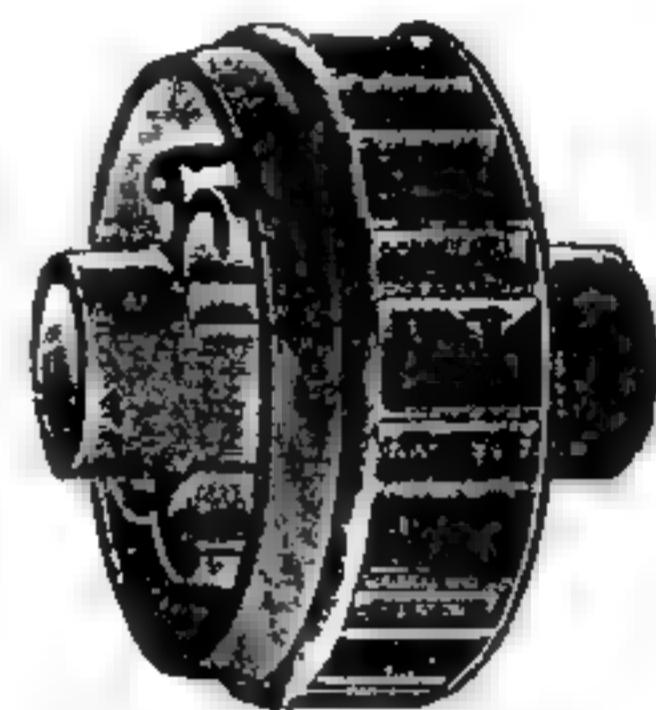
The Hub is built right.

Note the long projection extending into the hub cap.

Note the length of the bearing.

And then note that the bearing is on each side of the hub.

This results in the weight of the drill being supported over the **center** of the hub.



This lessens the draft, reduces the wear to a minimum and prevents the wheels coming in at the top.

Each hub contains two pawls, thus the axle starts the instant the drill moves forward.

## WHEELS.

Each and both of the ground wheels are drivers.

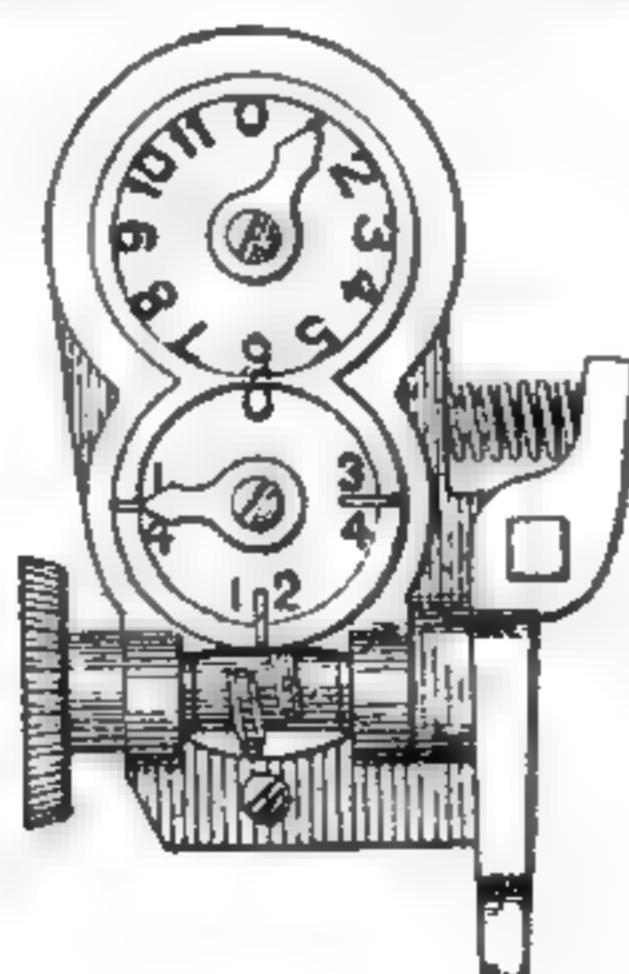
The whole mechanism moves when driving around a stump or when turning.

They have hard wood rims and spokes.

They have rims three inches wide and  $1\frac{3}{8}$  inches thick.

They track right.

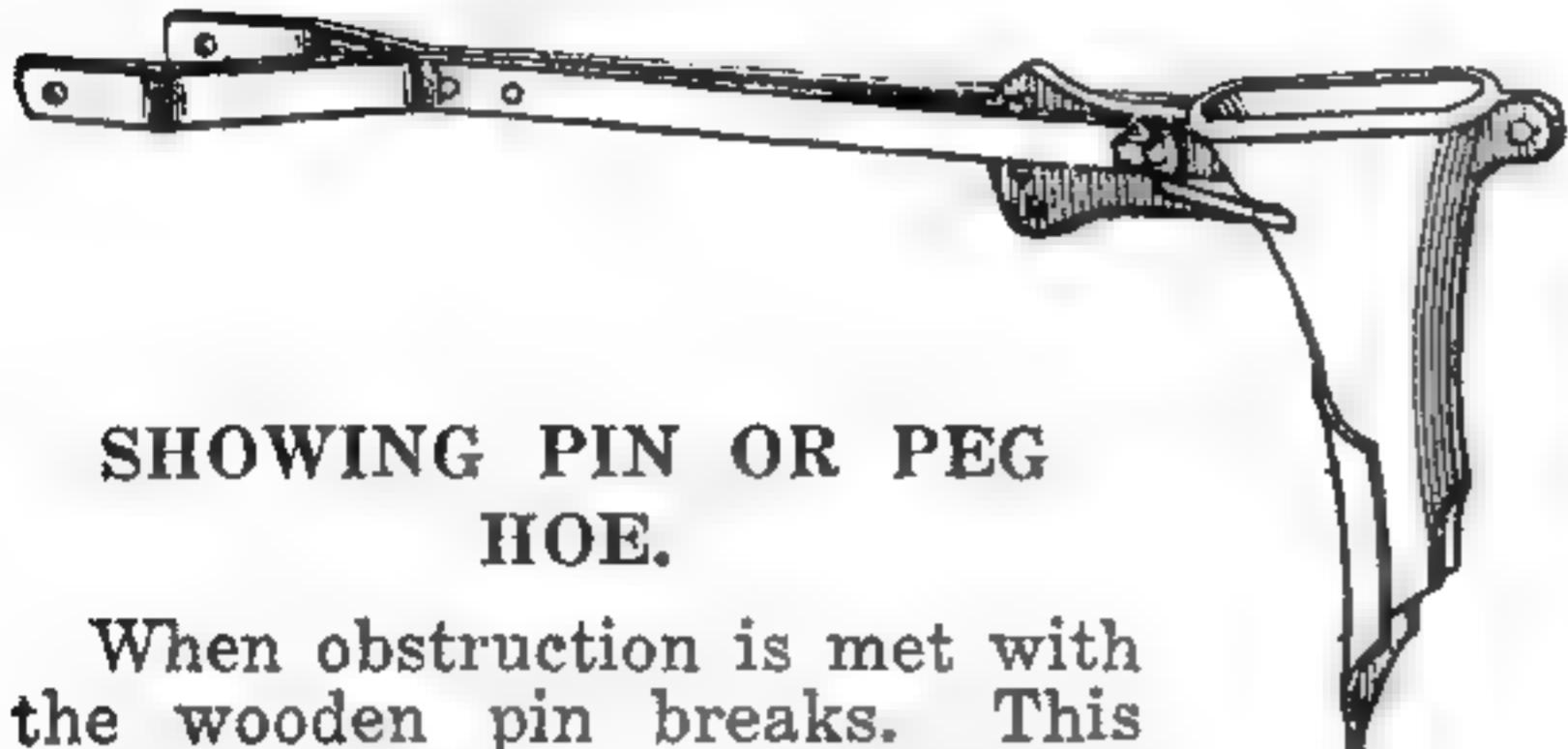
## LAND MEASURE.



The Land Measure is simple and strong and does not get out of order. It accurately measures the acres and fractions of acres shown, and is easily set at the nothing mark.

# EAST ROCHESTER, N.Y.U.S.A.

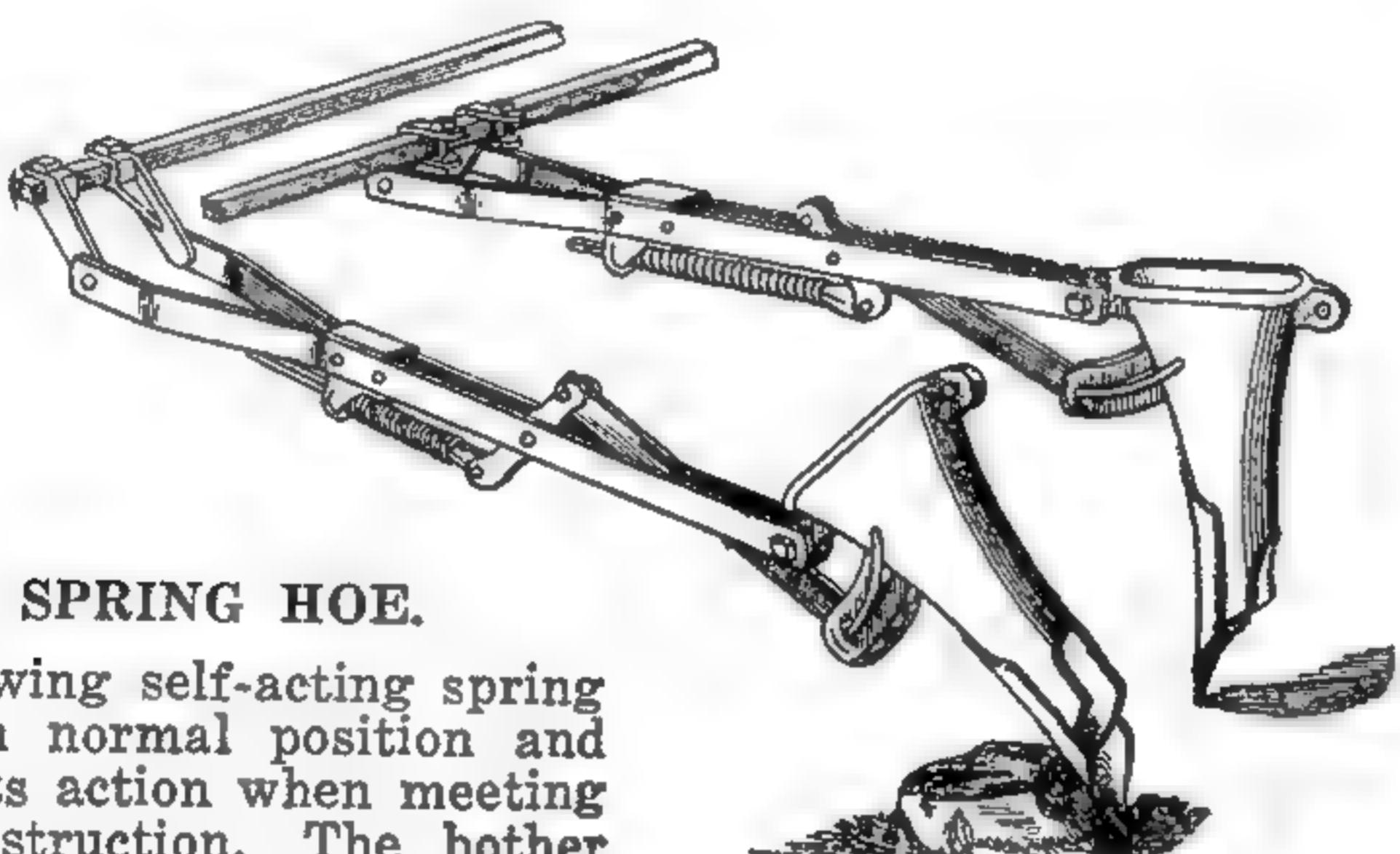
## SPRING AND PIN HOES.



SHOWING PIN OR PEG HOE.

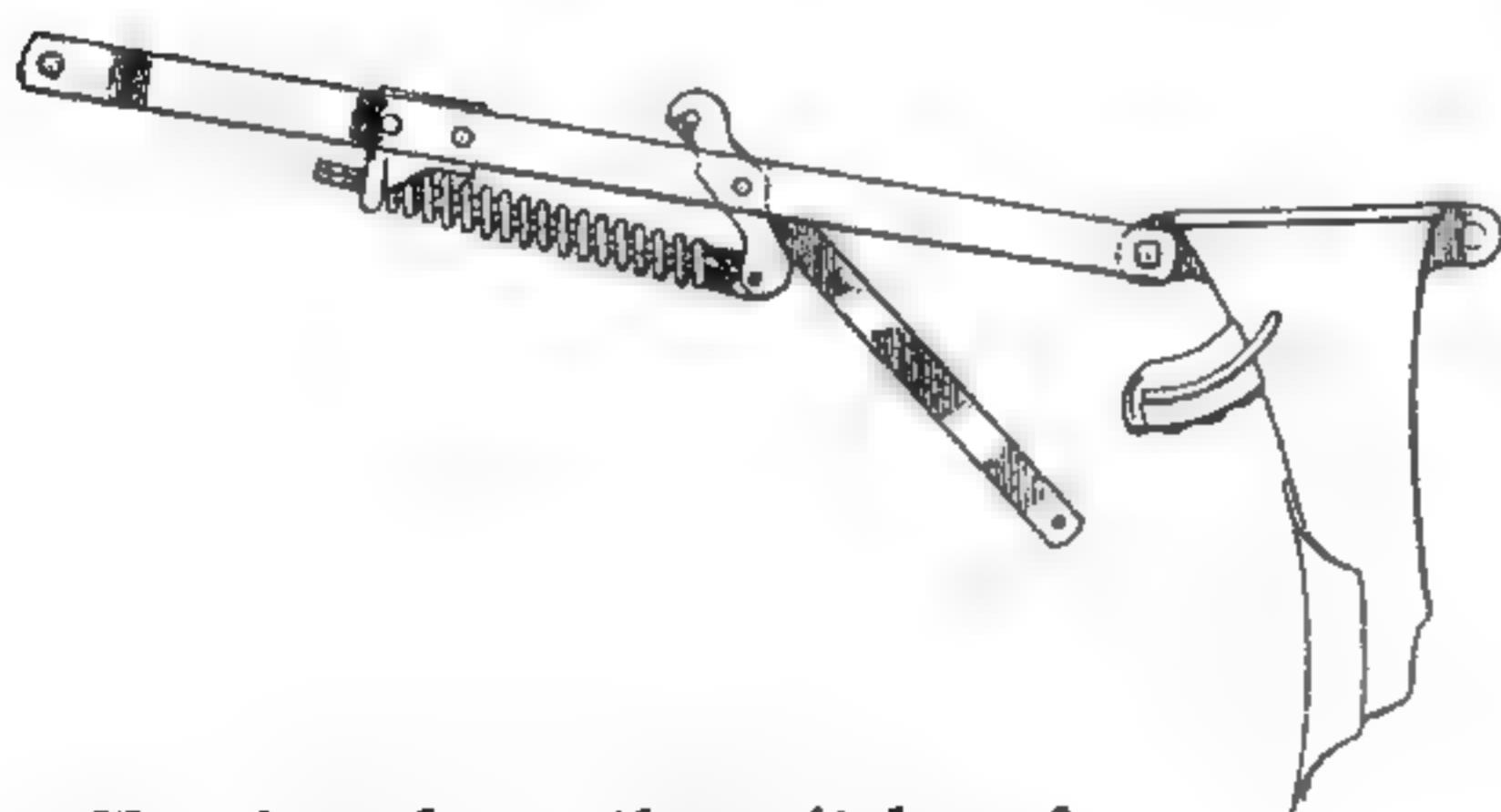
When obstruction is met with the wooden pin breaks. This style of hoe is generally used where soil is not too much obstructed by stumps or fast stones.

The hoes are of an improved pattern which allow the conductor at all times to take a perfectly natural position. They will not cramp the conductor, no matter what position the hoe may take.



SPRING HOE.

Showing self-acting spring hoe in normal position and also its action when meeting an obstruction. The bother of replacing broken pins is avoided in this style.

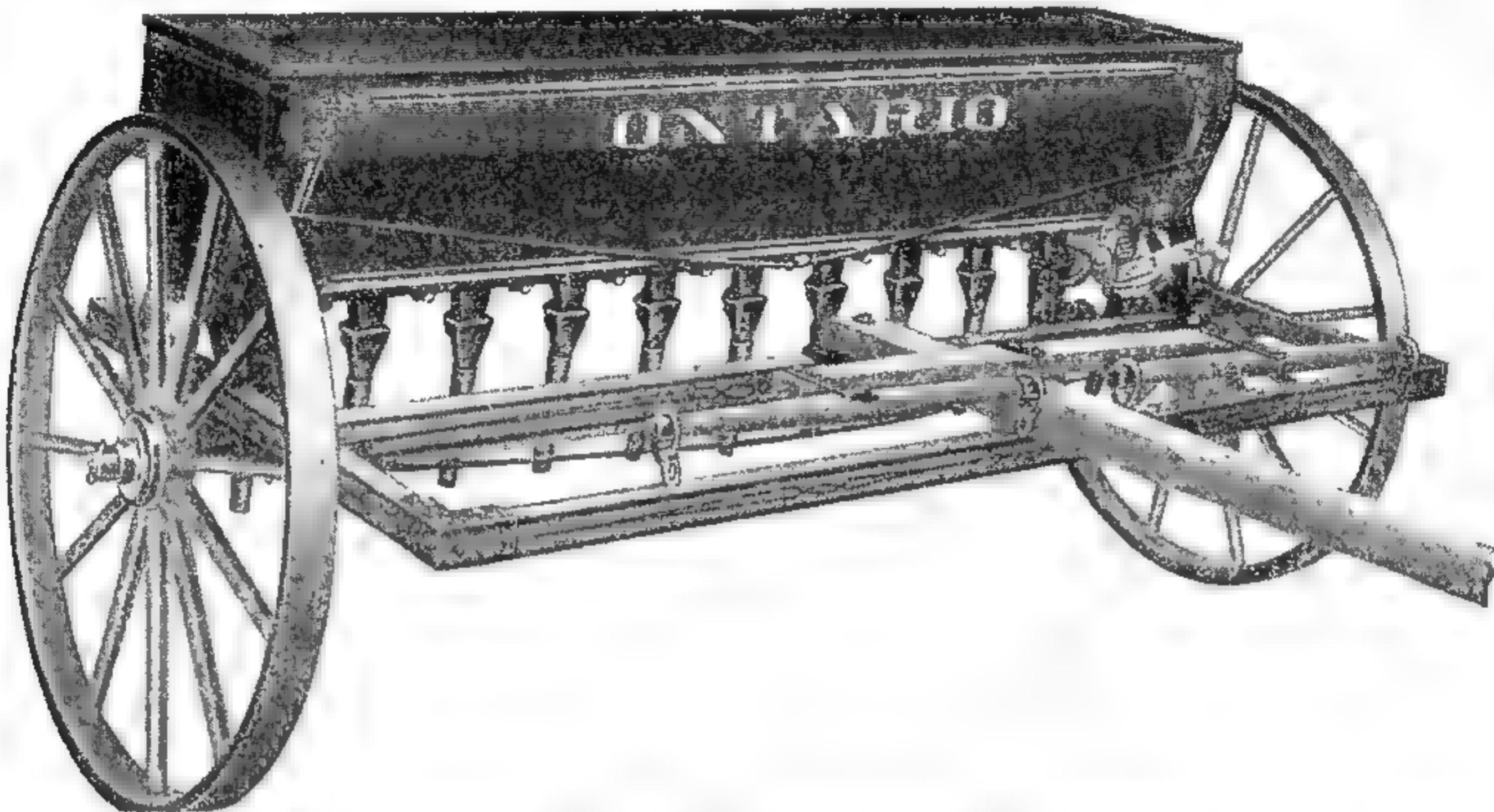


Showing how the pitch of spring hoe is regulated for deep or shallow sowing by putting the lever in any one of three notches without loosening a nut or bolt.

The spring hoe is certain in operation and its tension is strong enough to tear up corn stubble. All hoes are fitted with double reversible points, and give that most desirable feature—a broad seed bed. Sharper points for exceptionally hard land will be furnished if desired when so ordered.

# ONTARIO DRILL CO.

FERTILIZER BROADCASTER AND ROWER—STYLE "B".  
Standard Sizes—6, 8, 9, 11 and 12 Row (8 inches apart).



**STYLE "B" FERTILIZER BROADCASTER AND ROWER** meets a demand for an accurate and dependable fertilizer distributor. Farmers, truck gardeners, orchardists or any large users of fertilizer will find that this machine soon pays for itself in labor and material saved, as well as better crops resulting from even distribution. It is being used to good advantage on fairways of **Golf Courses**, and for many other purposes. It will sow practically any kind of fertilizer, and is the only distributor that we know of that will successfully handle the modern concentrated fertilizers.

The same **EVERETT FORCE FEED**, so popular in Ontario Drills, is used in this machine. Different quantities are obtained in the only proper way, viz.: By speed changes, through all spur gears, and an invariable opening. See general description on pages 12 and 13.

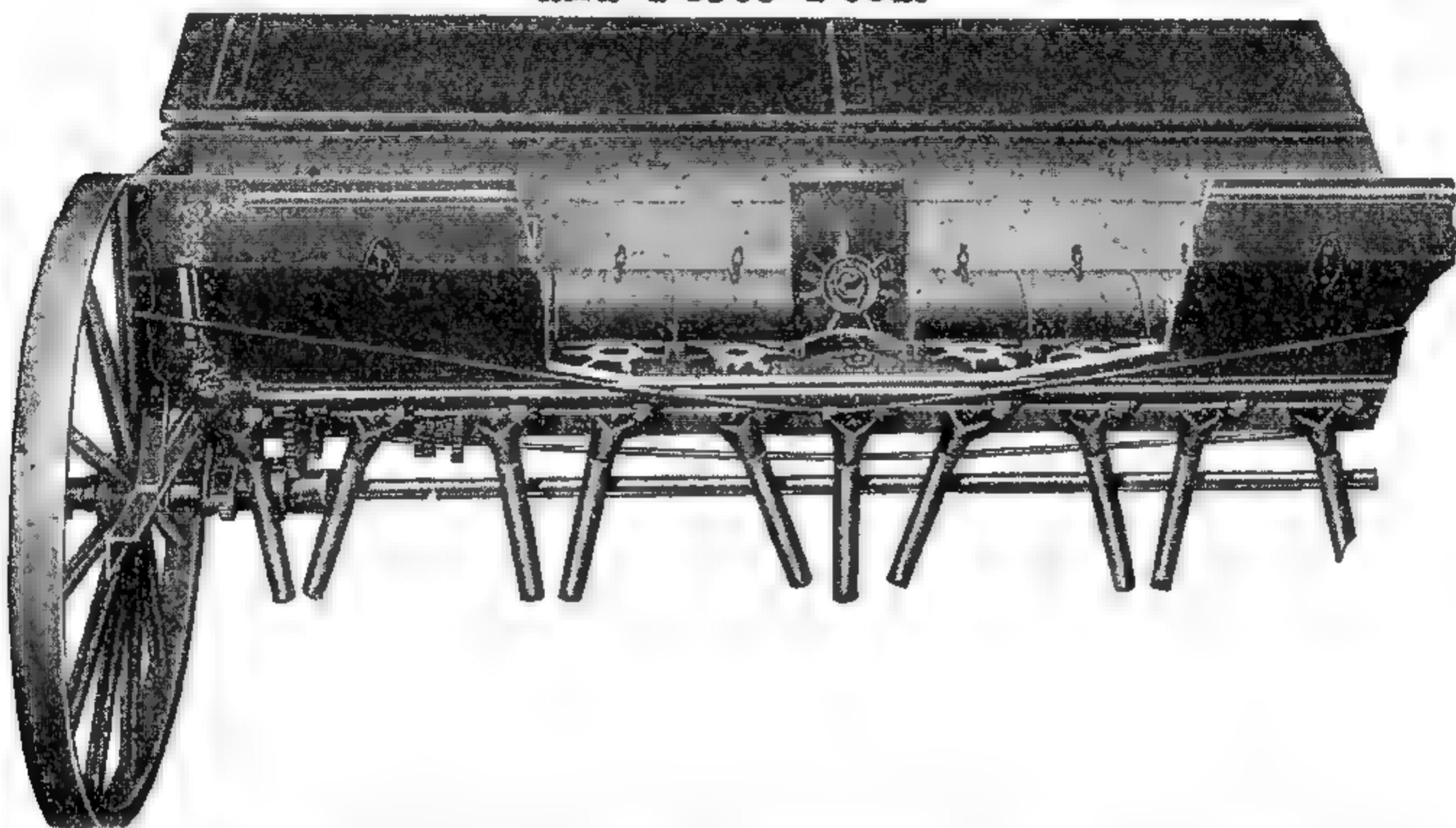
The whole machine is substantially built of good material, well finished, and with ordinary care will give many years of service. It is of light draft and any size may be drawn with horses or equipped for use with tractor, as ordered.

**QUANTITIES:** Regular equipment supplied with each machine includes two sets of feeders, giving a quantity range of from 100 lbs. to 2,000 lbs. of fertilizer per acre, based on standard fertilizer weighing two lbs. to the quart of normal consistency. The use of **High Content** fertilizers is growing rapidly. These new materials must be spread evenly and accurately in **Small Quantities**, to get the best results and avoid burning. On special order we can furnish feeders to sow as low as 40 lbs. per acre, that will distribute small quantities without bunching. We know of no other machine on the market that can compare with the Ontario for this purpose.

# **EAST ROCHESTER, N.Y.U.S.A.**

## **FERTILIZER BROADCASTER AND ROWER—STYLE "B"**

**Showing Lateral Adjustment of Conductors  
and Force Feed.**



**THE ROWING FEATURE:** Conductors may be swung to right or left and set in any desired position with a thumb nut, thus allowing grouping of several tubes to sow in one row. This is particularly valuable in side dressing rows of growing crops. The flow of fertilizer from any particular tube is easily stopped by means of a cut-off plate, a set of which is furnished with each machine.

**SPREADER:** A new spreader of improved design attached to each tube insures an even distribution of fertilizer when broadcasting. This is a most important feature,—particularly necessary when using concentrated fertilizer.

### **FEATURES OF DESIGN**

**Axle:** Large size,  $1\frac{3}{8}$ -inch, cold drawn steel.

**Frame:** Angle steel, with bed piece of wood.

**Wheels:** Very sturdy and well built. Diameter 42 inches. Tire 3 inches wide. 4-inch tire on special order (at additional cost).

**Feed:** Everett Force Feed, same as on Ontario Drills.

**Quantities:** Fourteen different speeds. Sowing from 100 to 2,000 lbs. per acre, based on two lbs. to the quart. Smaller on special order.

**Sizes:** 6, 8, 9, 11 and 12 Rows (8 inches apart). The 8x8 size tracks six feet; the 11x8 size tracks eight feet.

**Capacity:** 12x8 size—holds 8 bushels. 9x8 size—6 bushels.

**Hitch:** 8x8 size with thills and the 11x8 size with pole. Any size can be equipped with thills or with pole. Tractor hitch on special order.

**Land Measure:** Correctly measures the acres sown.

# ONTARIO DRILL CO.

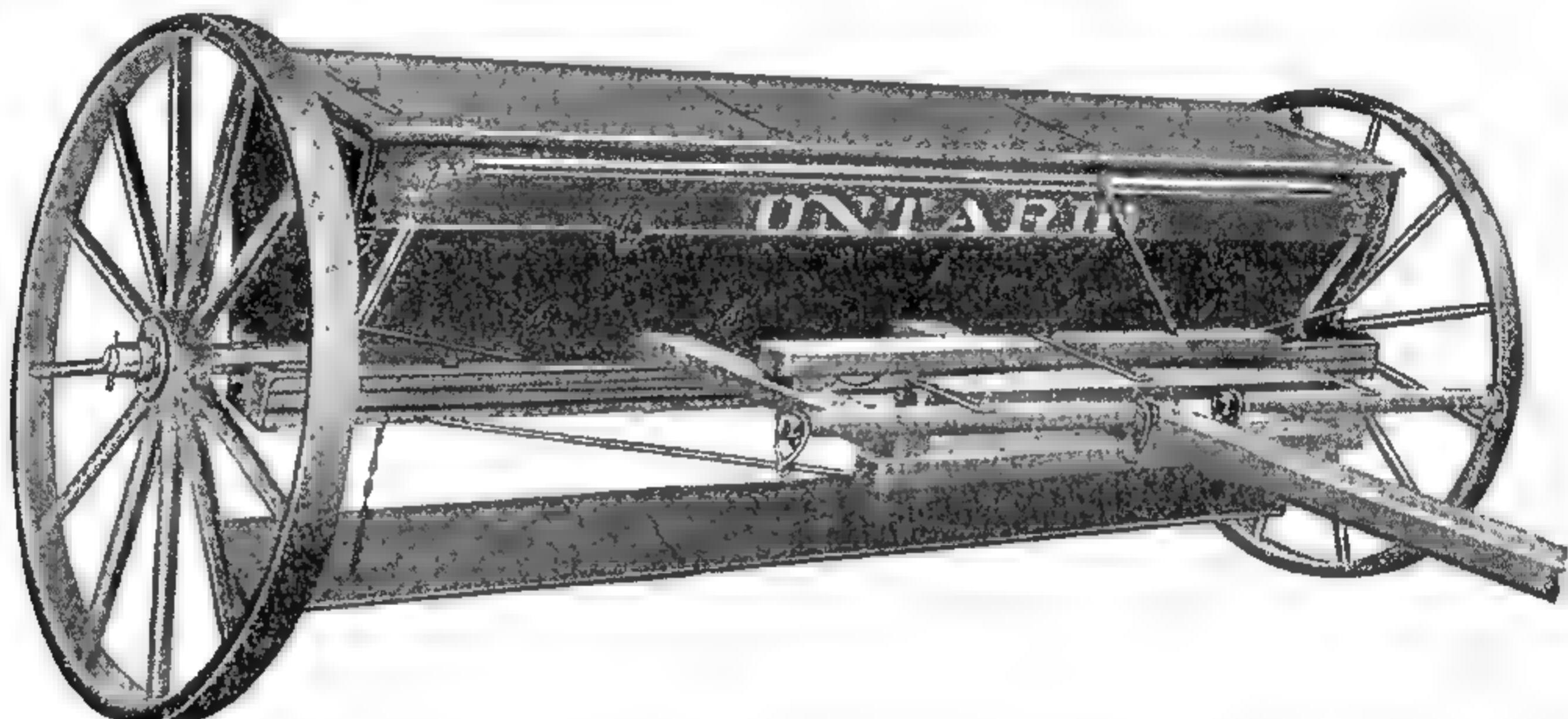
## THE ONTARIO LIME SOWER—STYLE "H"

Has unmistakably made good.

It was built to meet the demand for a simple, practical, and comparatively inexpensive machine with which to distribute LIME.

How well it has met these requirements is attested by our constantly increasing sales, and by the praise it has called forth from those who have used it.

As compared with an ONTARIO Grain and Fertilizer Drill the functions performed by this sower are of course few and simple. But within the range of its operation it possesses the essential qualities to be found only in a first class tool.

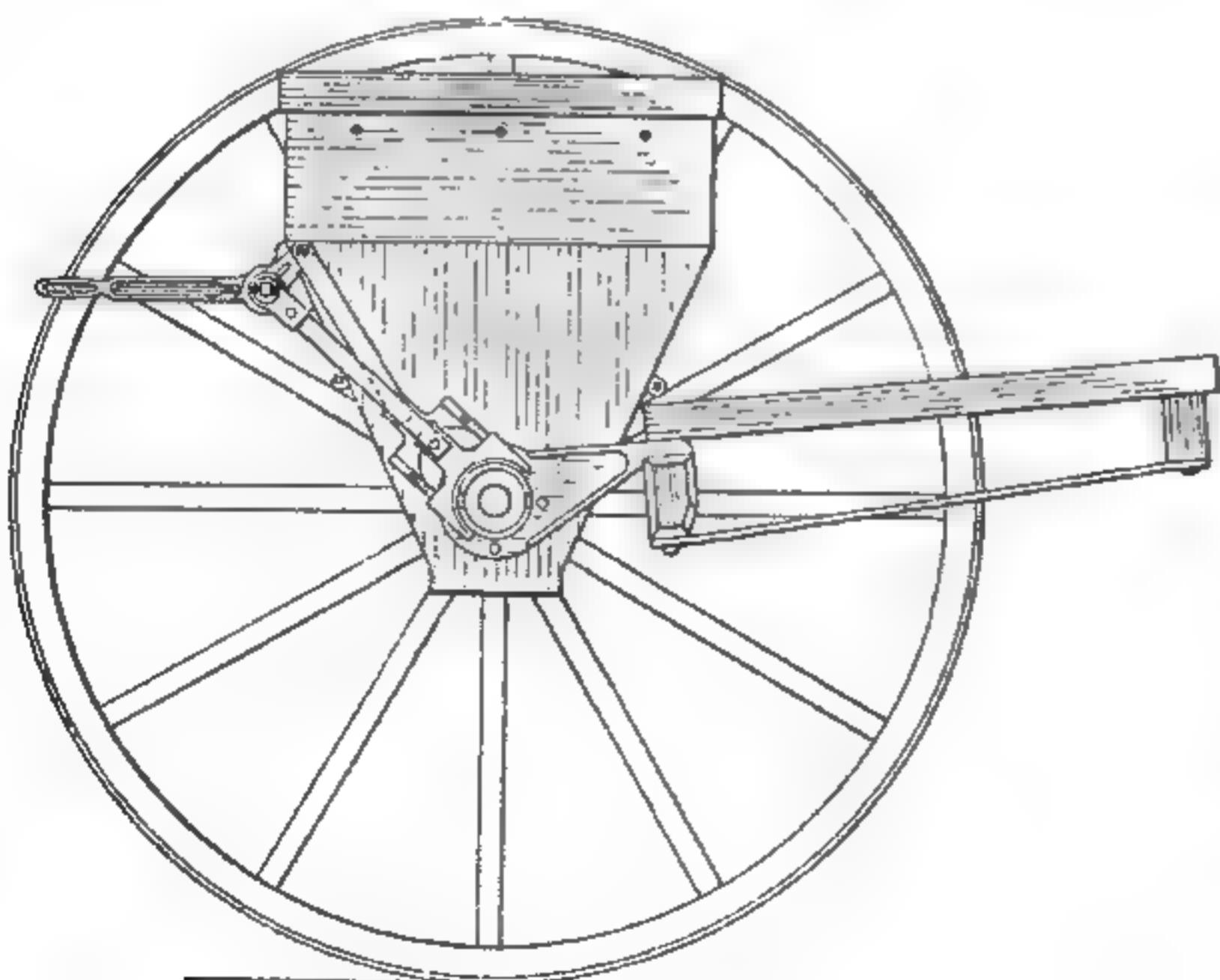


The QUALITY of the material used, the WORKMANSHIP, the DESIGN and the FINISH are all first class.

The parts are few, and are made not only with a view to efficiency, but for strength and durability.

The mechanism is of the simplest form and easily understood. It is an honest, durable and practical machine, with exceptional value for the cost.

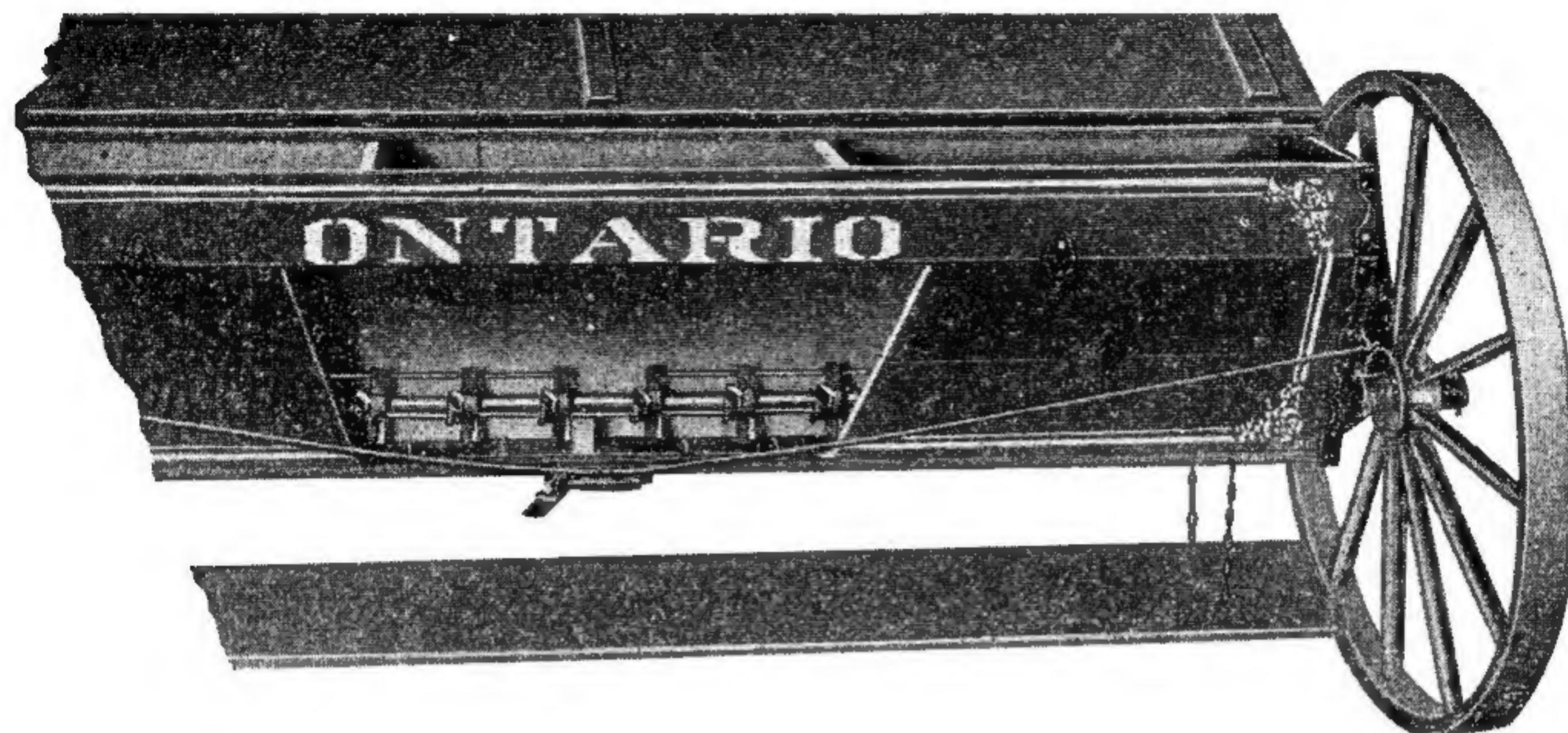
Among intelligent and progressive farmers it has proved a useful, handy machine for sowing other dry fertilizers than lime, such as PLASTER, ASHES, BONE DUST, COTTON SEED MEAL, SALT, Etc.



In the new style "H" lime sower, each and both of the ground wheels are drivers. By clutches on main axle the mechanism may be thrown in and out of gear instantly. (See illustration.) The clutches are operated by a short, handy lever located at either end of machine.

# EAST ROCHESTER, N.Y. U.S.A.

## SPECIFICATIONS OF STYLE "H" LIME SOWER



**Axle:** Large size (1 $\frac{3}{8}$ -inch), cold drawn steel. Runs entire length of machine and all bearings are fitted to it.

**Frame:** Hard wood, securely bolted and braced.

**Scatter Board:** Suspended beneath the axle, adjustable to various angles. Scatters the lime before it strikes the soil.

**Wheels:** Very sturdy and well built. Diameter 42 inches. Tire 3 inches wide.

**Feed:** Gate feed. Revolving prongs—6 inches apart—and directly over discharge openings. Size of discharge openings is varied by means of a slide with lever, and may be set at any one of 12 different notches, according to the quantity desired to be sown.

**Sizes:** 12x6 size—has 6 foot hopper. Tracks 7 feet 6 inches. Width over all 8 feet.

16x6 size—has 8 foot hopper. Track 9 feet 6 inches. Width over all 10 feet.

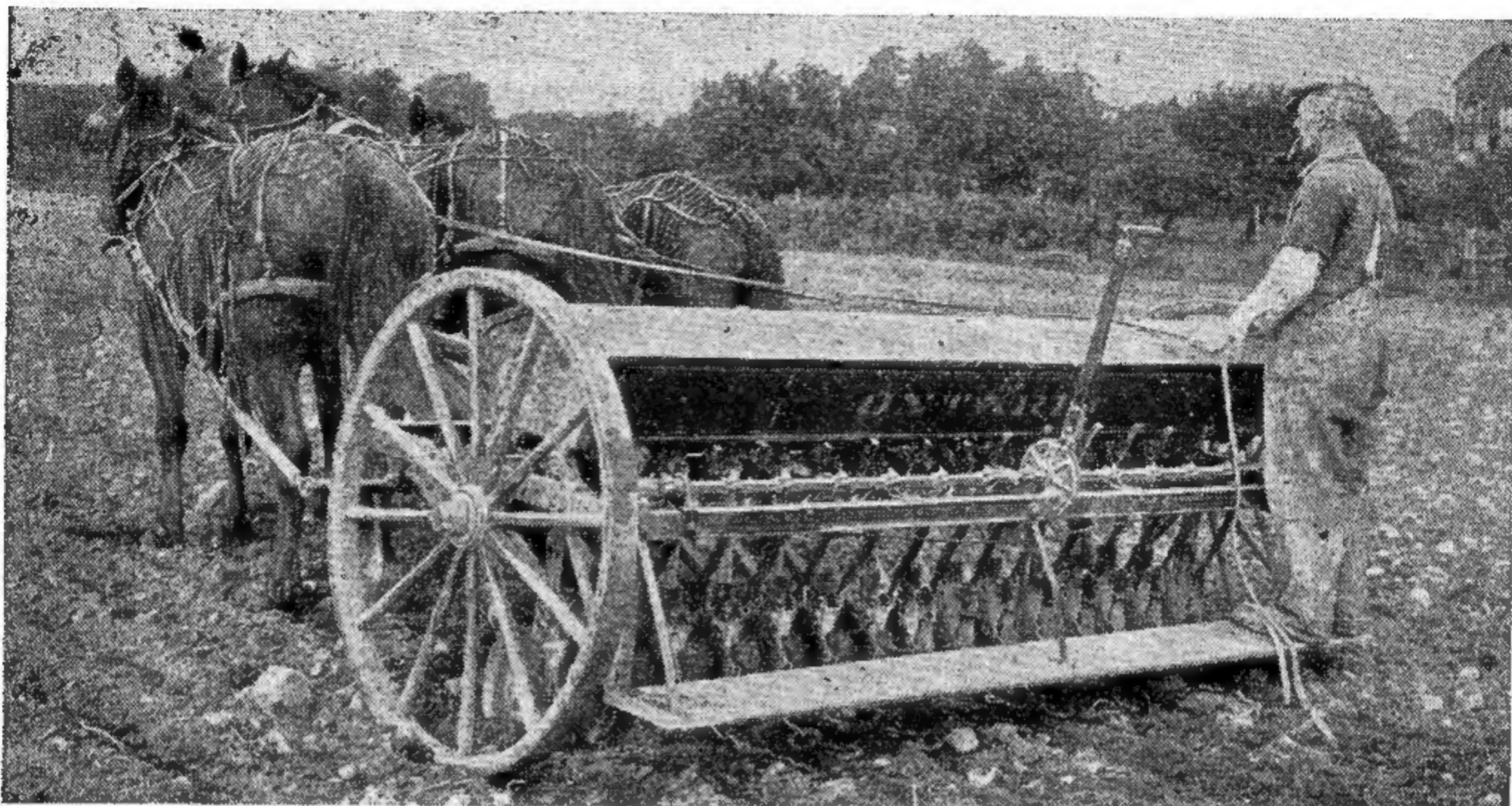
**Quantities:** Twelve different quantities, with range from 75 to 1,200 quarts per acre.

**Capacity:** 16x6 size—hopper holds 10 bushels. 12x6 size—hopper holds 7 $\frac{1}{2}$  bushels.

**Hitch:** 12x6 size with thills, and 16x6 size with pole. Either size can be equipped with thills or with pole.

**Weights:** 12x6 size—450 lbs. 16x6 size—500 lbs.

# ONTARIO DRILL CO.



## AN ONTARIO 15x7 SINGLE DISC FERTILIZER DRILL, With Three Horse Hitch and Foot-board.

Ontario Drills are made with seven or eight-inch spacing only, in all the commonly used sizes.

### STOCK SIZES

Six to Thirteen Hoes or Discs—Eight-inch spacing.

Eight to Fifteen Hoes or Discs—Seven-inch spacing.

Larger sizes on special order.

Made in all types—Plain or Combined Grain & Fertilizer Drills.

### HOE DRILLS

Pin or Spring Hoe.

Back Roller or Hoe Pressure.

### DISC DRILLS

Single Disc.

Double Disc.

The various sizes are correctly designed to combine adequate strength with long life and proper balance, and also to insure easy draft. The larger drills are equipped with center axle boxes, trusses and braces to secure the necessary strength and rigidity without adding useless weight.

We supply 2-Horse, 3-Horse, or 4-Horse whiffletrees, as desired, or according to the size of the drill or the needs of the user.

### REPAIR SERVICE.

Farmers are and should be interested in knowing something about the repair service on the tools they buy. Because of the fact that we have specialized on Grain Drills since 1901, we can and do give better, quicker, and cheaper service on repairs than is usual with other manufacturers. All orders receive prompt and expert attention at a moderate cost.

### ONTARIO DRILL COMPANY

Main Office and Factory

EAST ROCHESTER, NEW YORK

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